

003330-041901

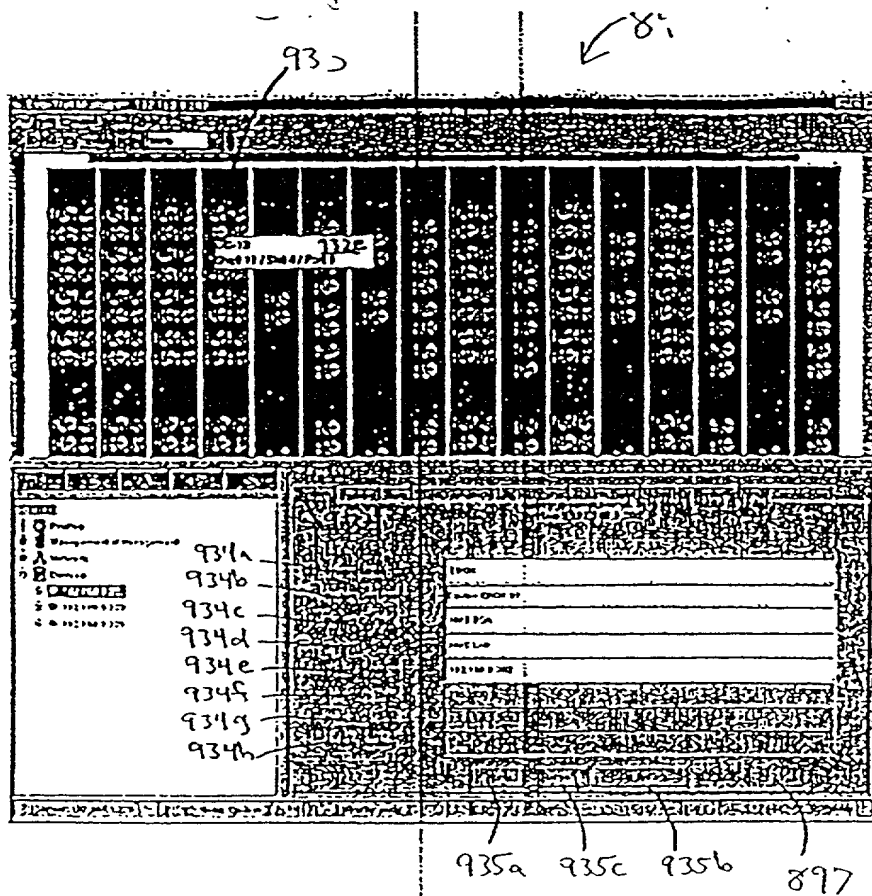
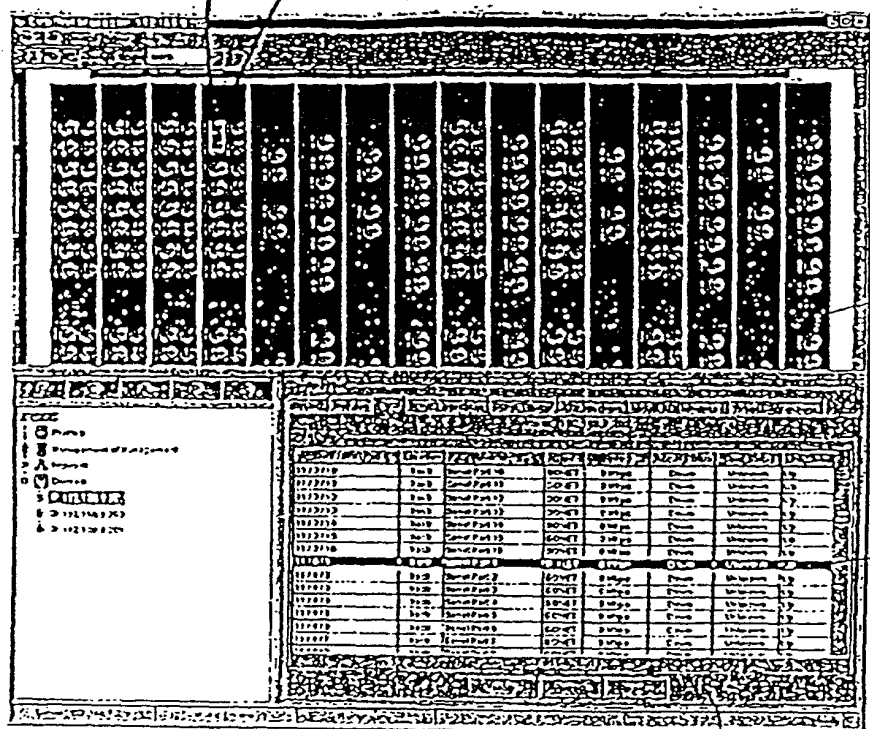


Fig. 4s



✓ 895



896a

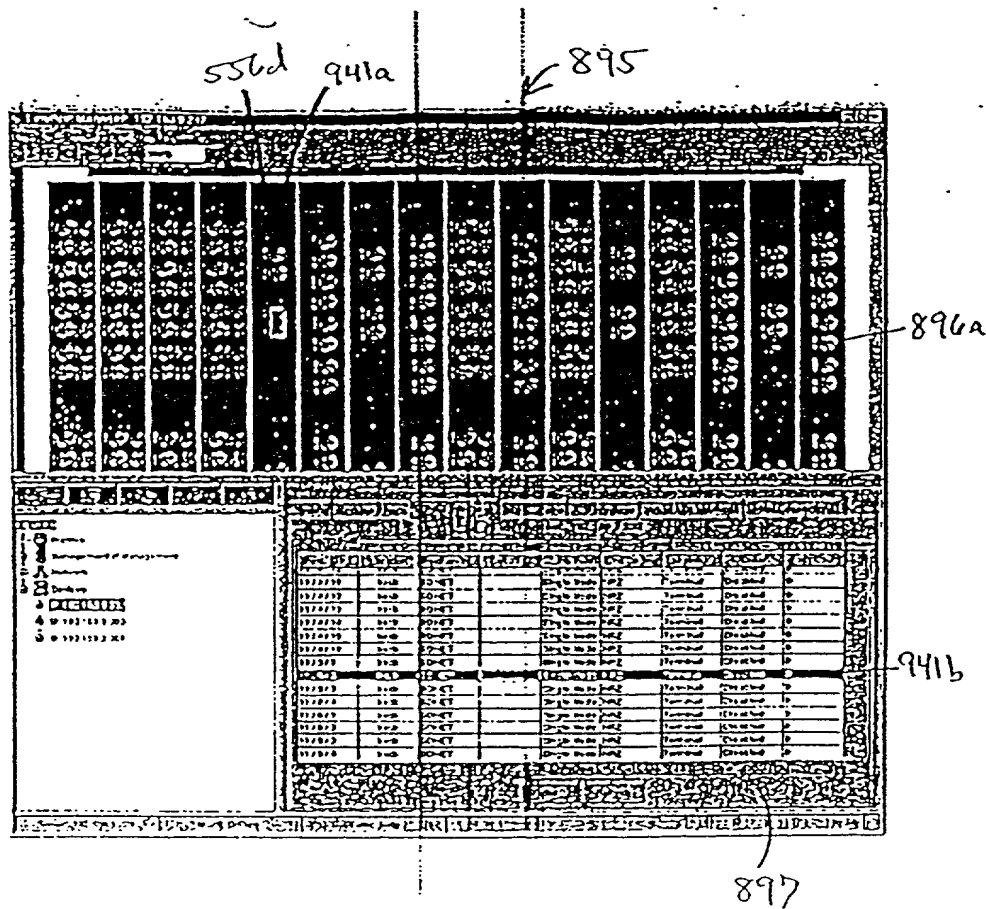
-9396

897

Fig. 4u

[illegible]

05828320-041901





875

896a

-897

712c



FIG. 4

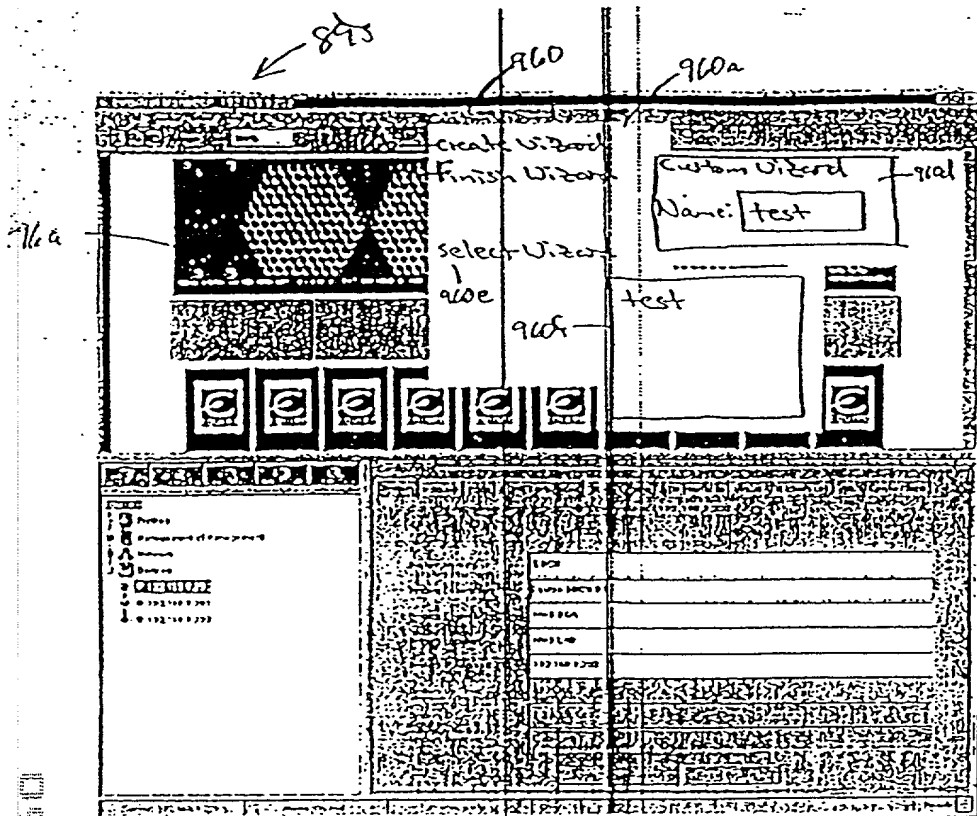


Fig. 4y

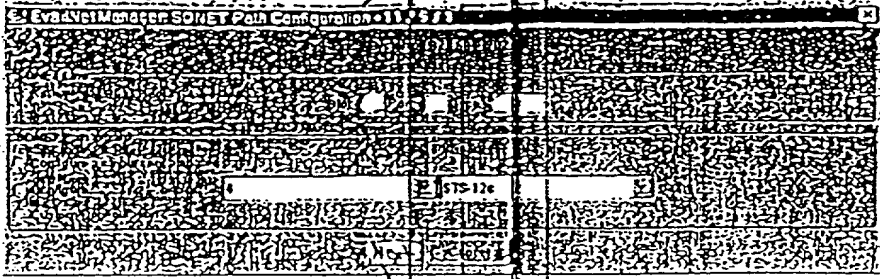


Fig. 42

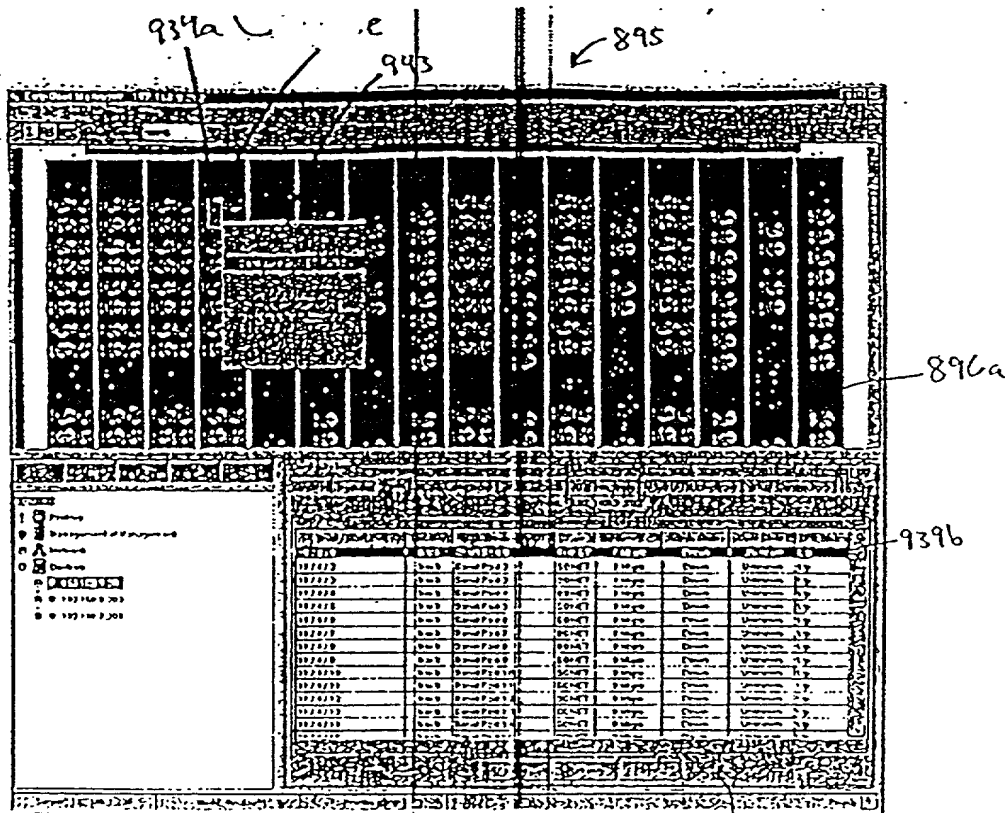


Fig. 5a

00000000.041901



[illegible]

Fig. 57

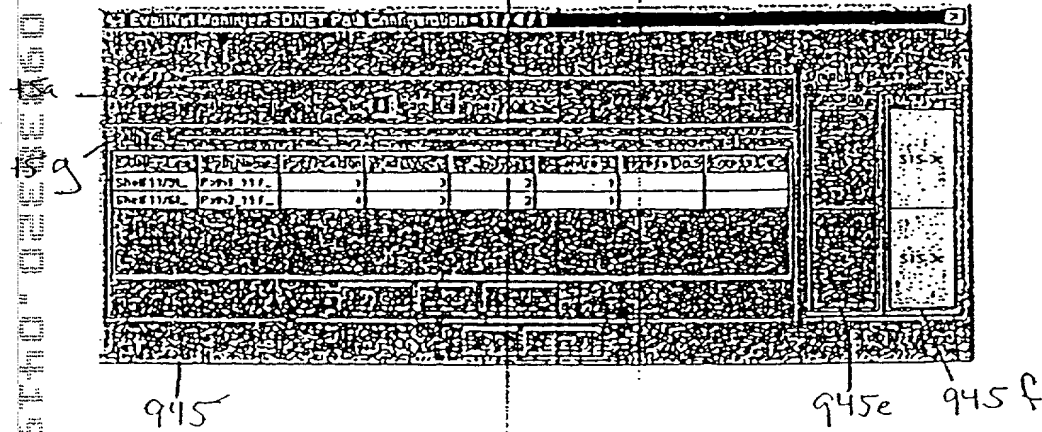
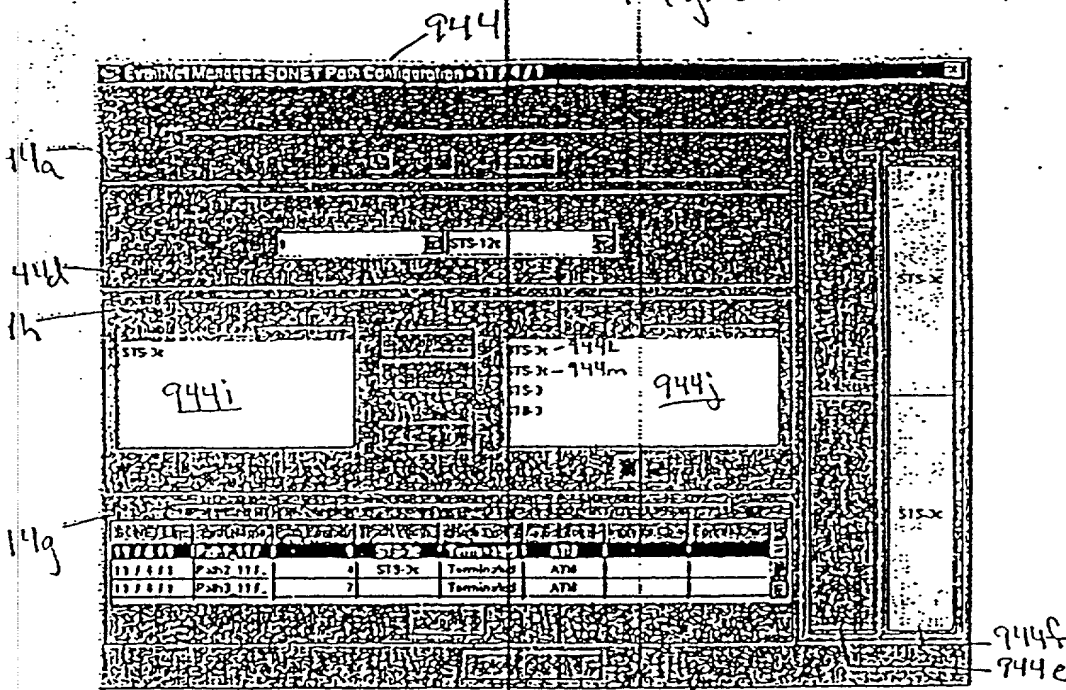


Fig. 59



895

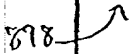


Fig. 5h

[illegible]



Fig. 5j

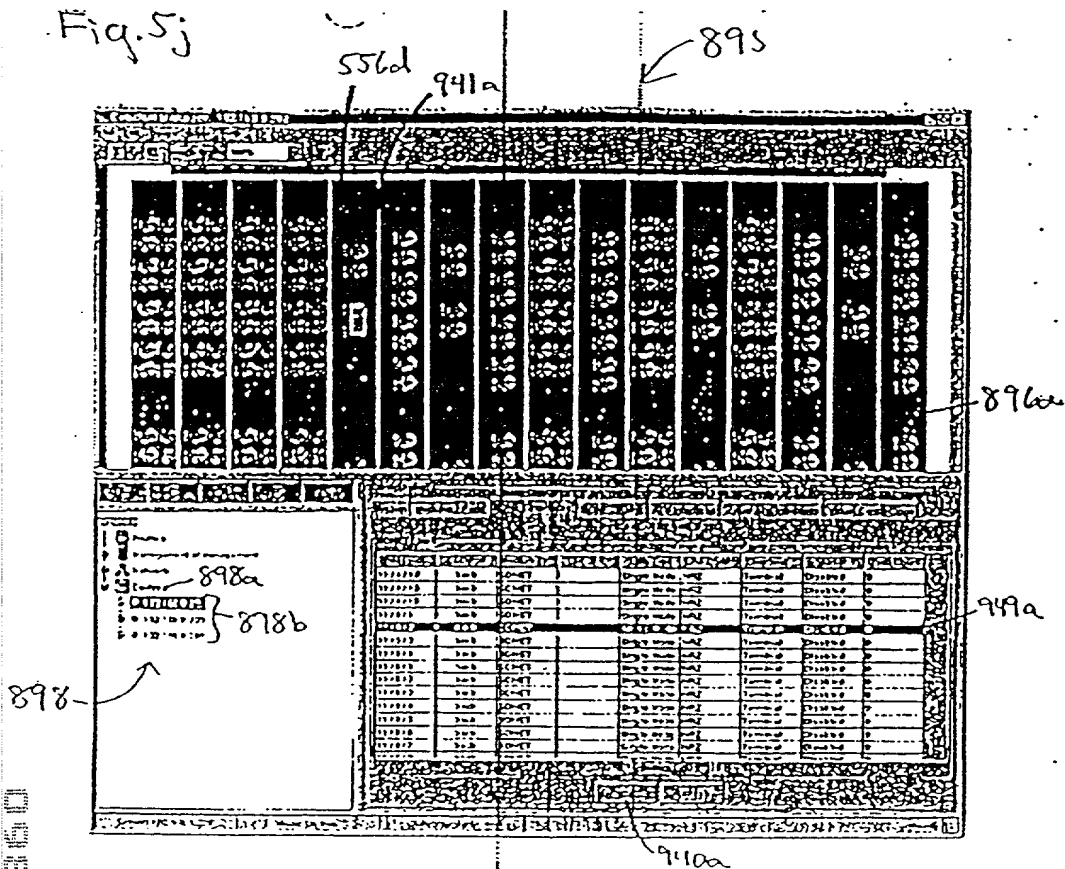


Fig. 5K

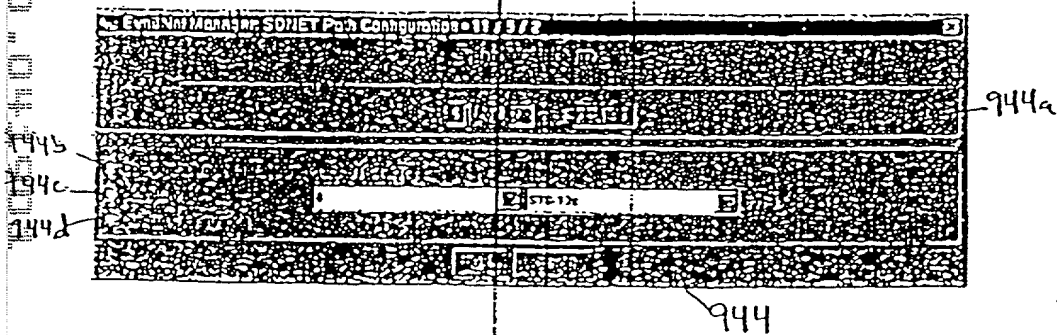


Fig. 5L

944

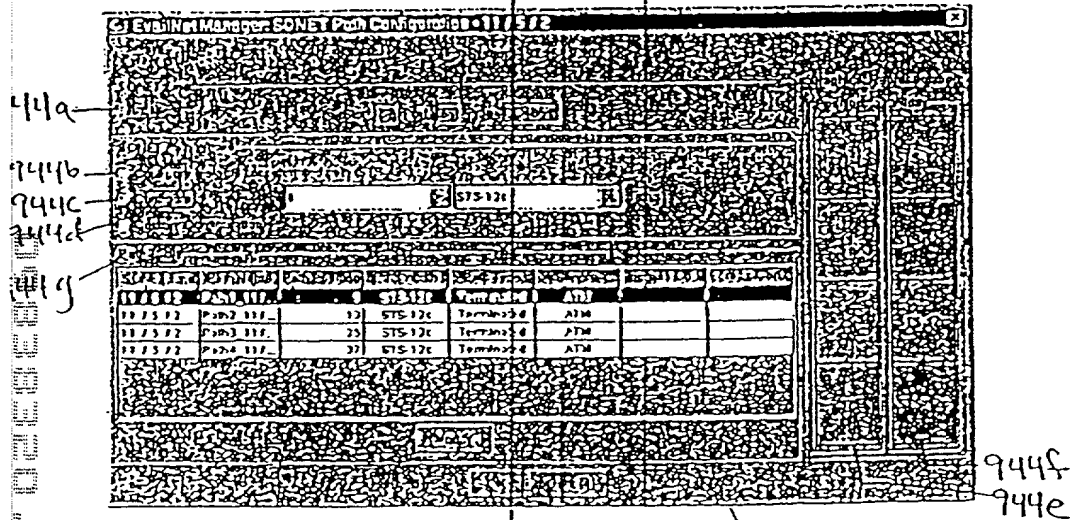
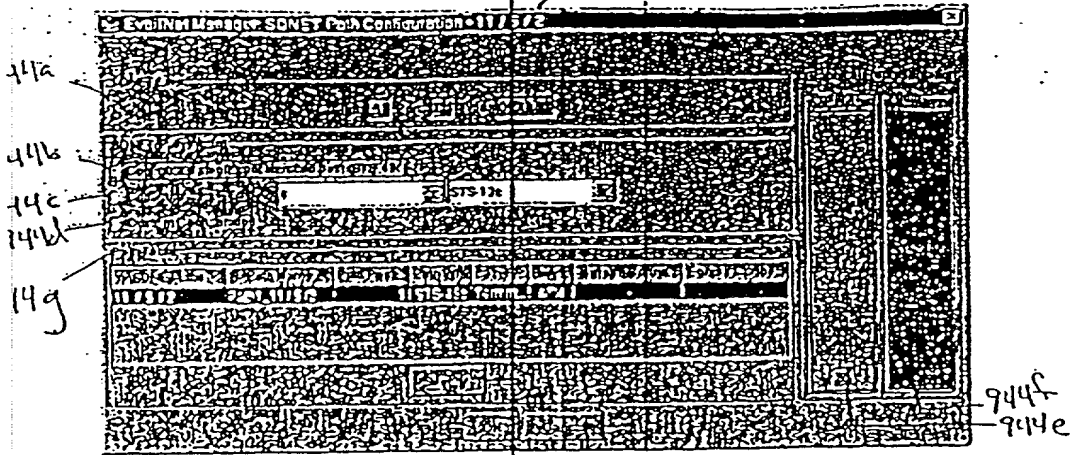


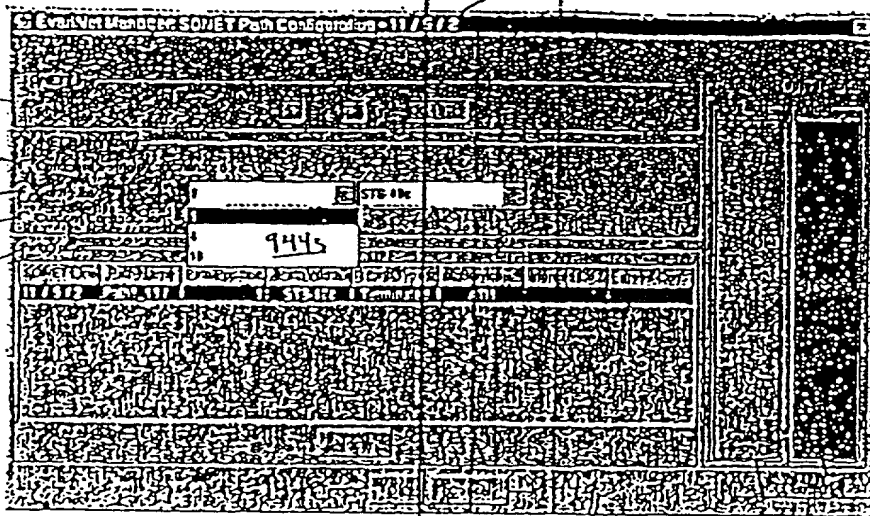
Fig. 5m

944

Fig. 49

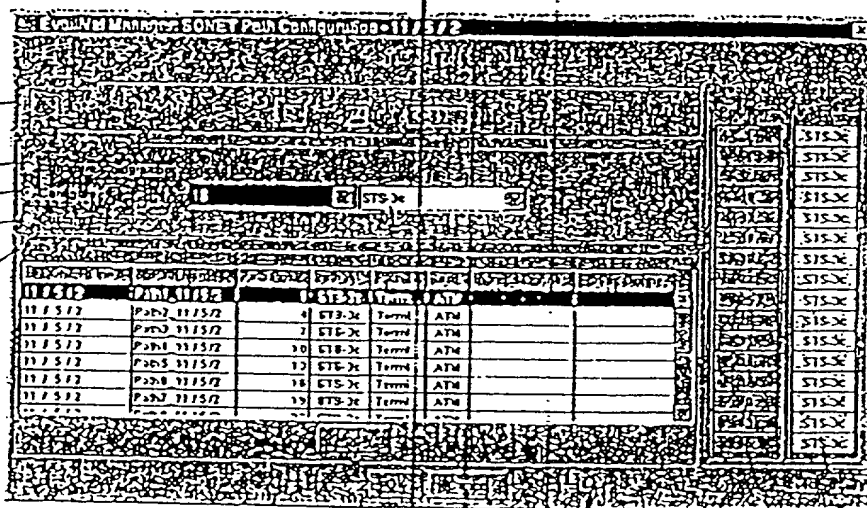
944

14a  
14b  
14c  
14d  
14g



944f  
944e

14a  
14b  
14c  
14d  
14g



944f  
944e

944

Fig. 50

FIG. 49



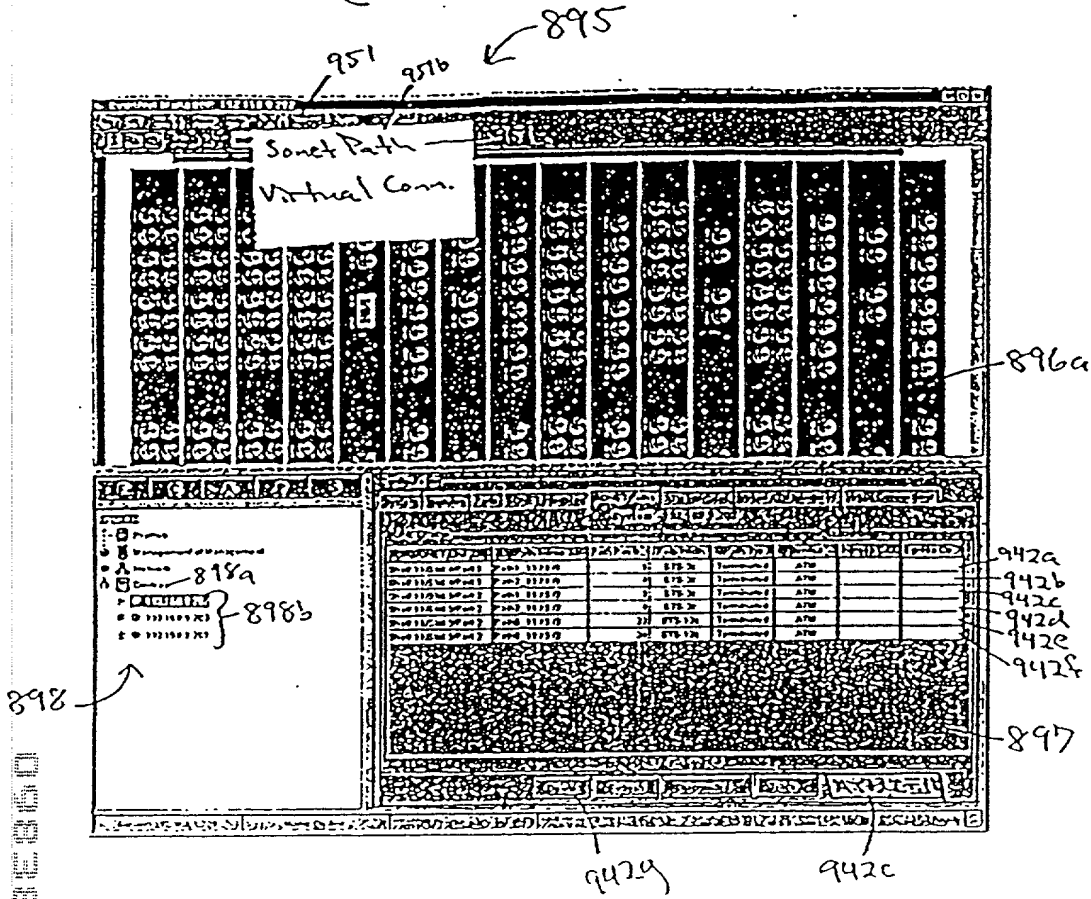


Fig. 5g

895



946a  
 946b  
 946c  
 946d  
 946e  
 946f

-897

946h

946 a

Fig. 5r

398

[illegible]



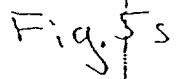
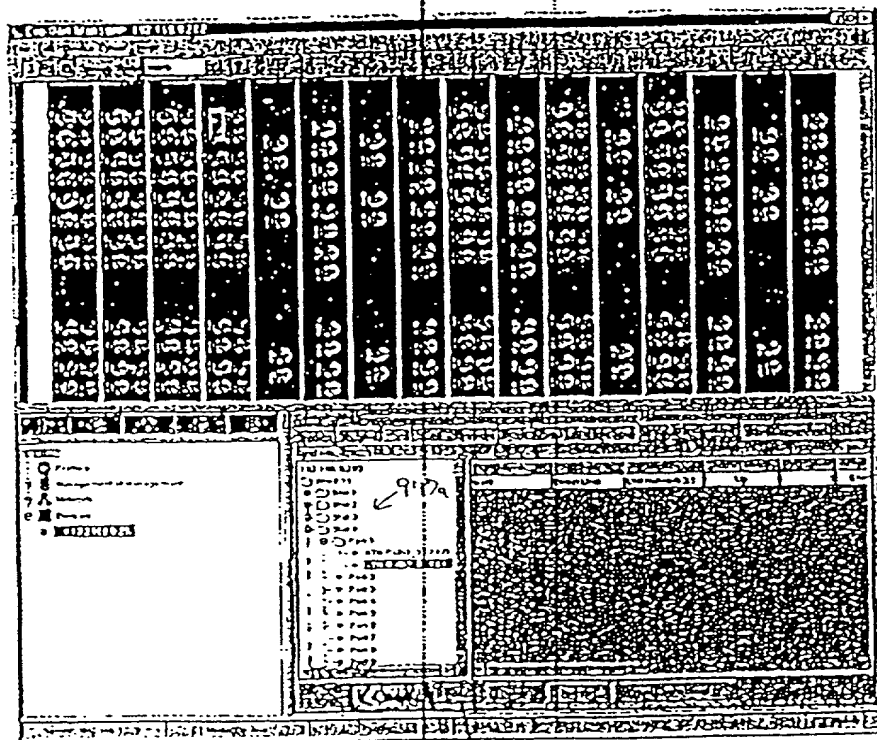
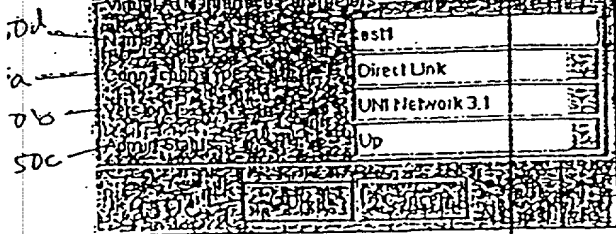


Fig. 5k

950



947c

947b

Fig. 5u

0938220.041901

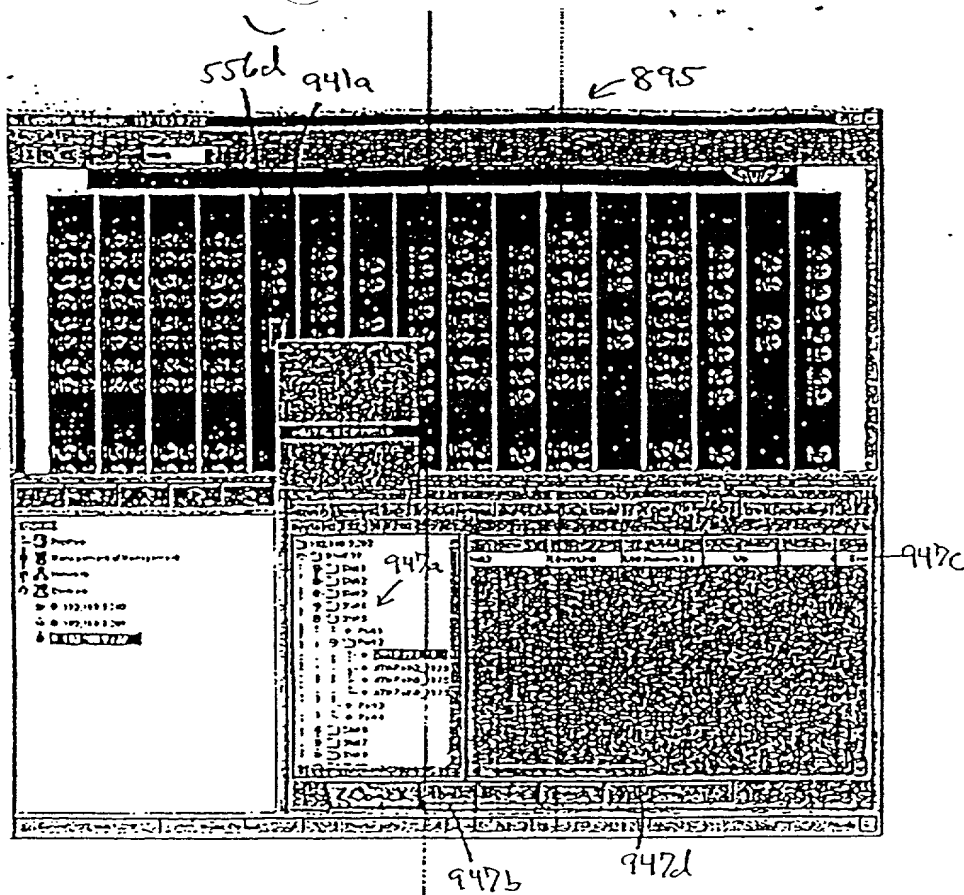


Fig. 5v

0938320.041901

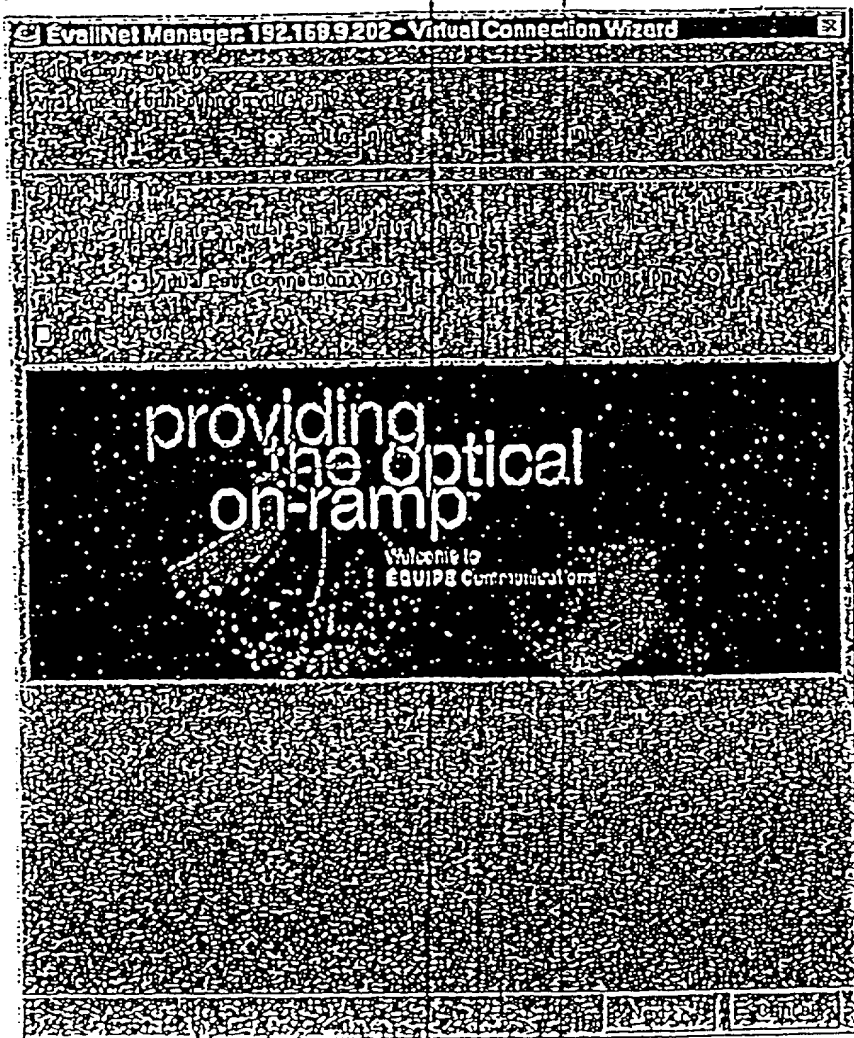


Fig. 5w



956

New Traffic Descriptor

Name:

QoS Class:

Type:

FIG. 5Y

895

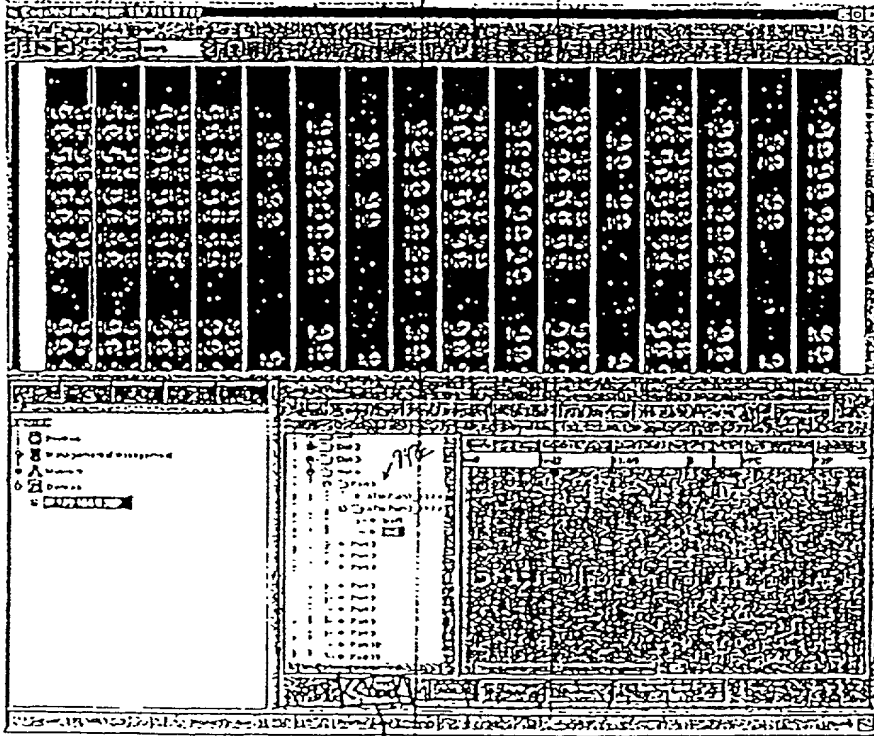


Fig. 57

895

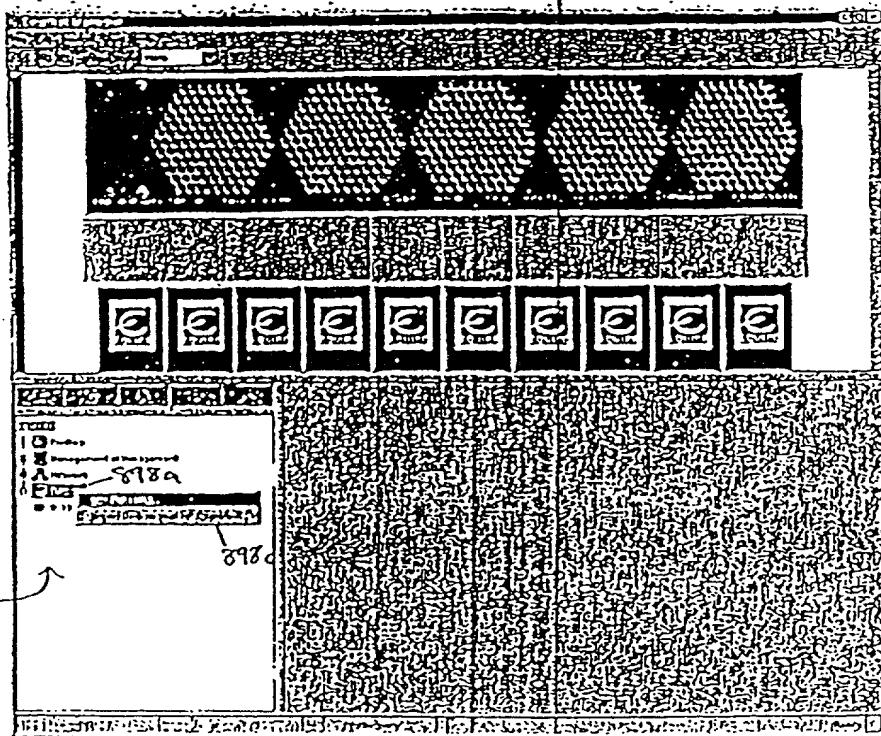


Fig. 6a

0033320-041901



Fig. 6b

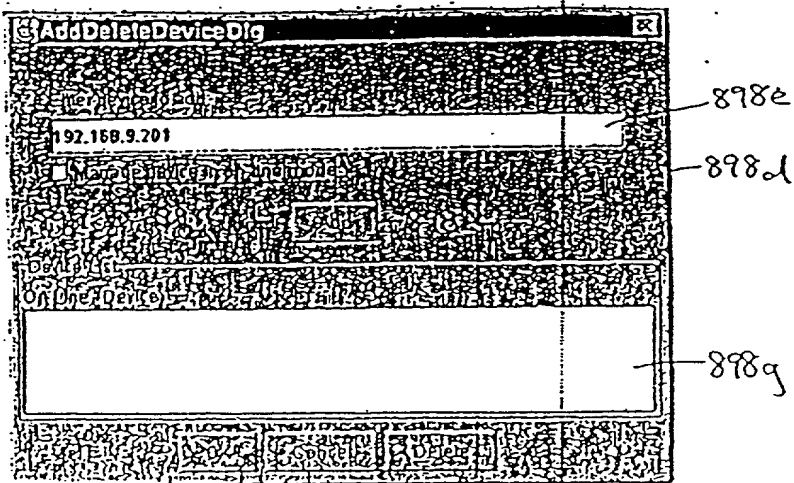
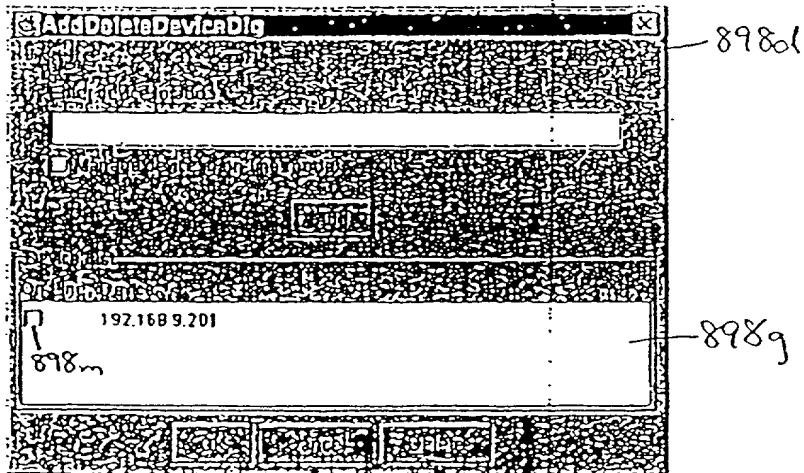


Fig. 6c



895

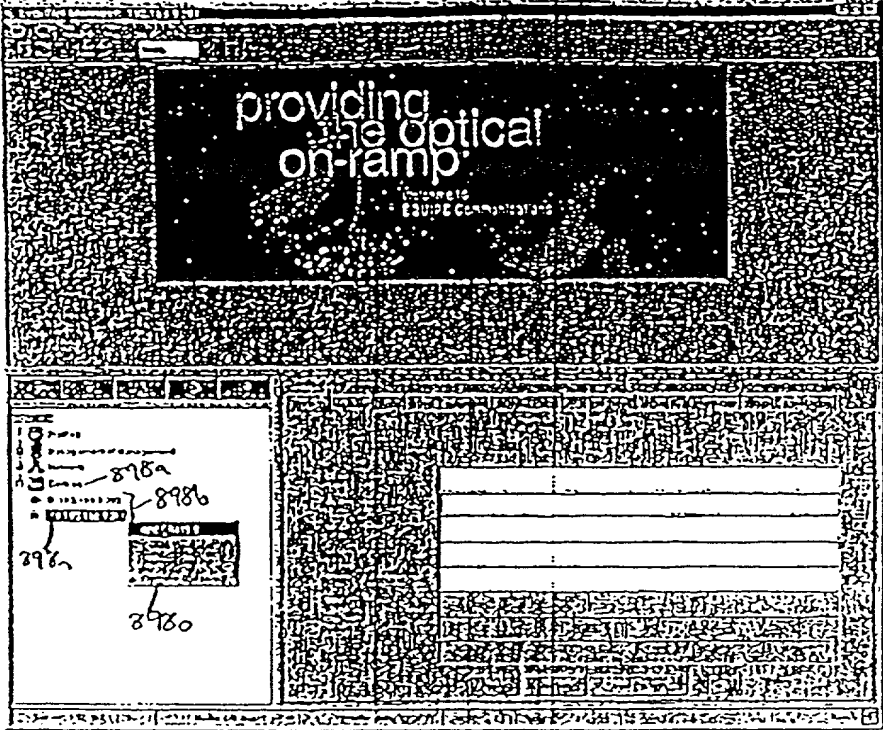


Fig. 6d

09333320-041904

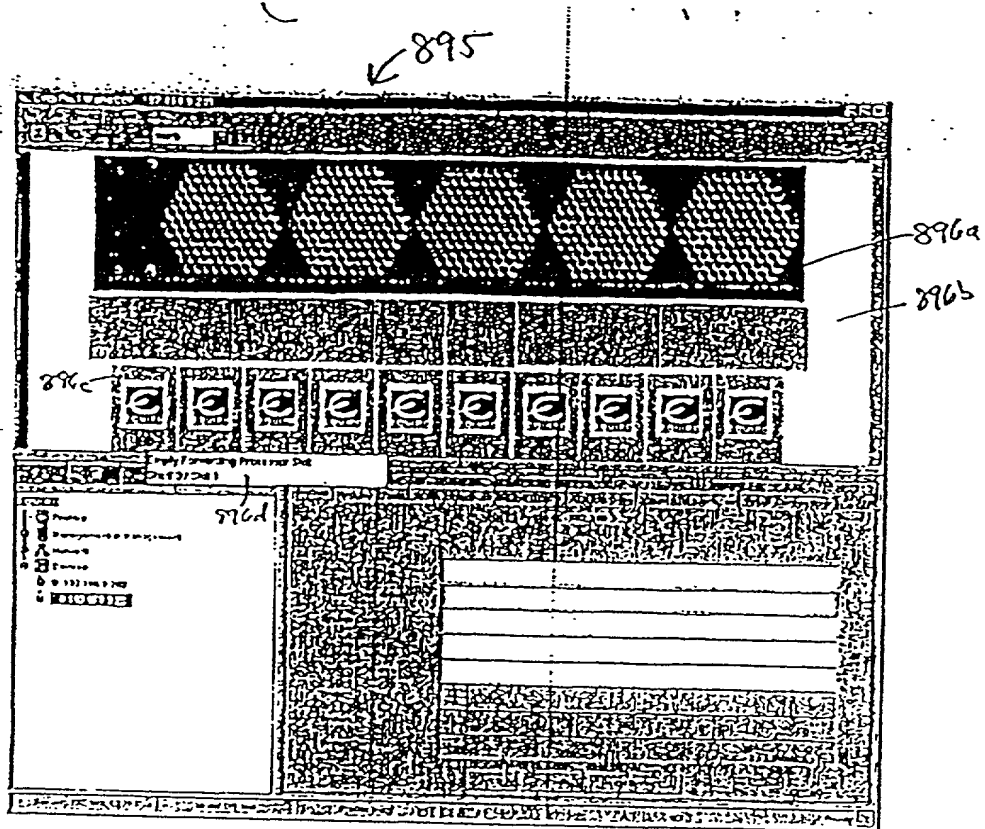


Fig. 6e



Fig. 6f

[illegible]

895

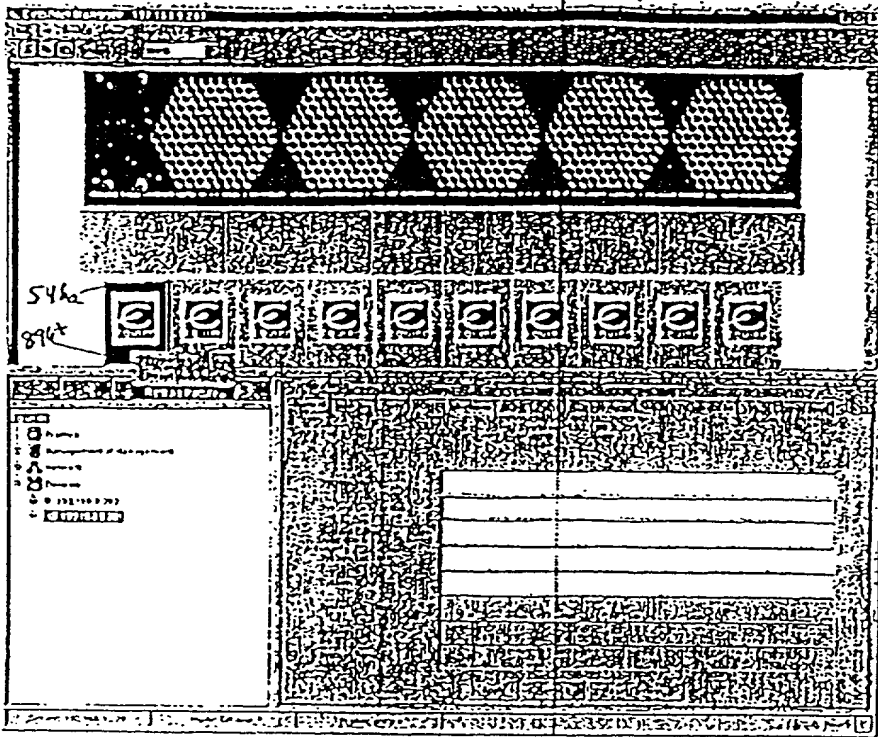


Fig. 69

09838320.041901

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965

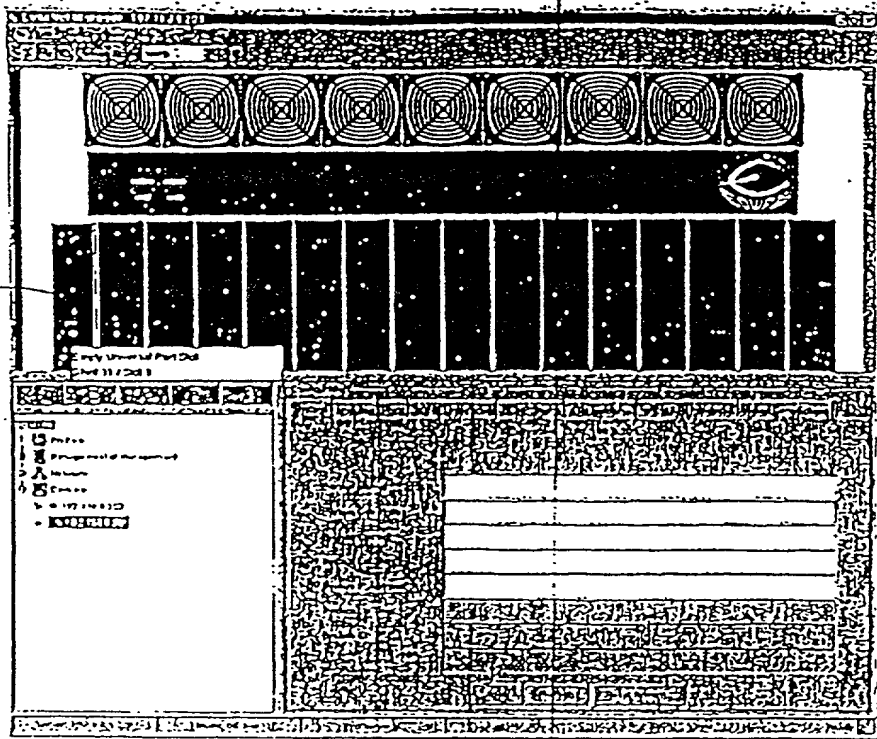


Fig. 6h

0938320.041901

895

96f  
96g

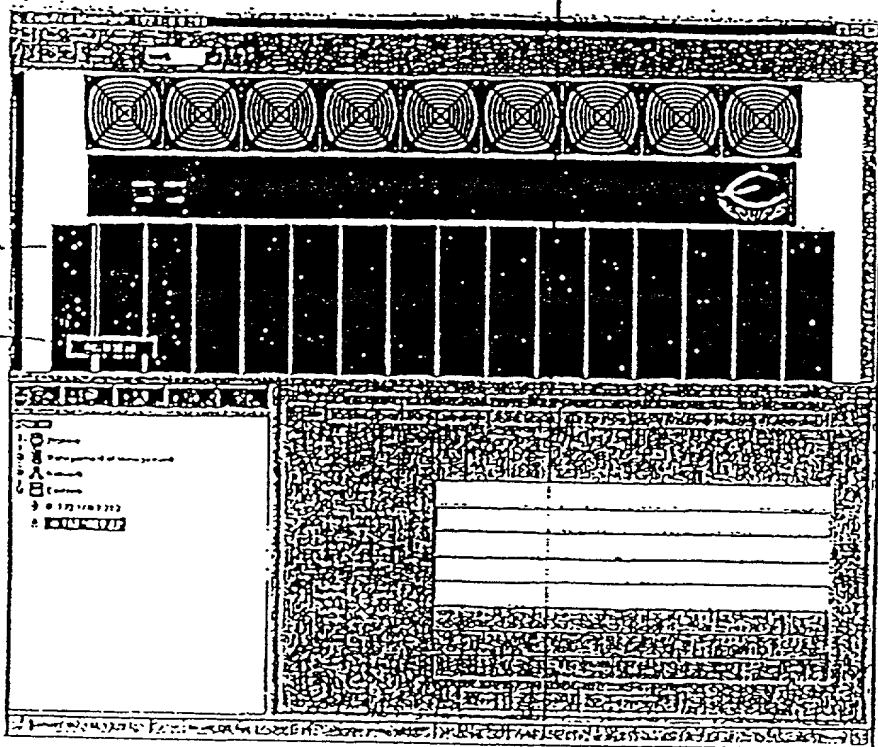
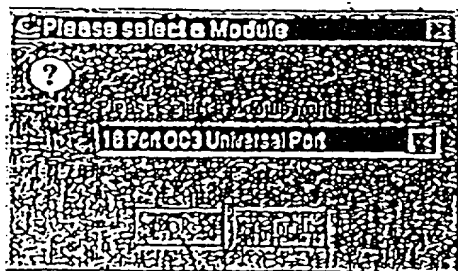


Fig. 6i

09333300.04.1901

Fig. 6j



896j

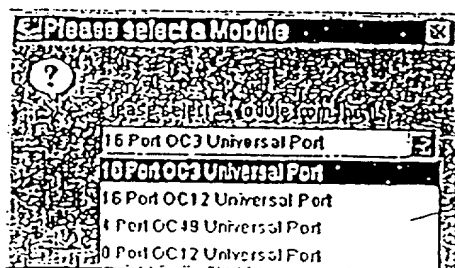


Fig. 6K

093820.041901



0586320-044901

561

74

895

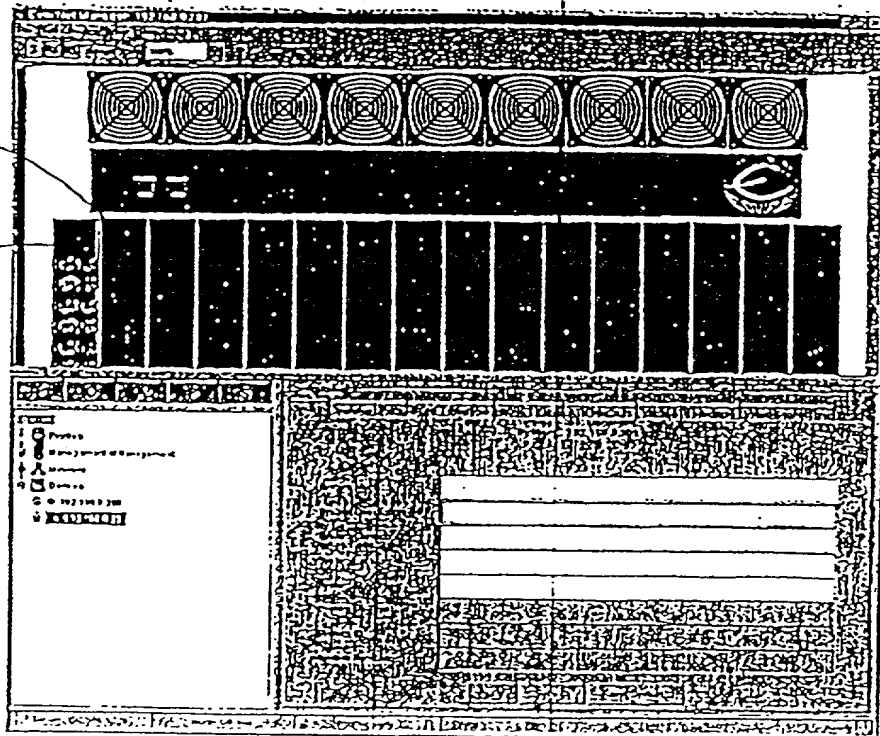


Fig. 61

895

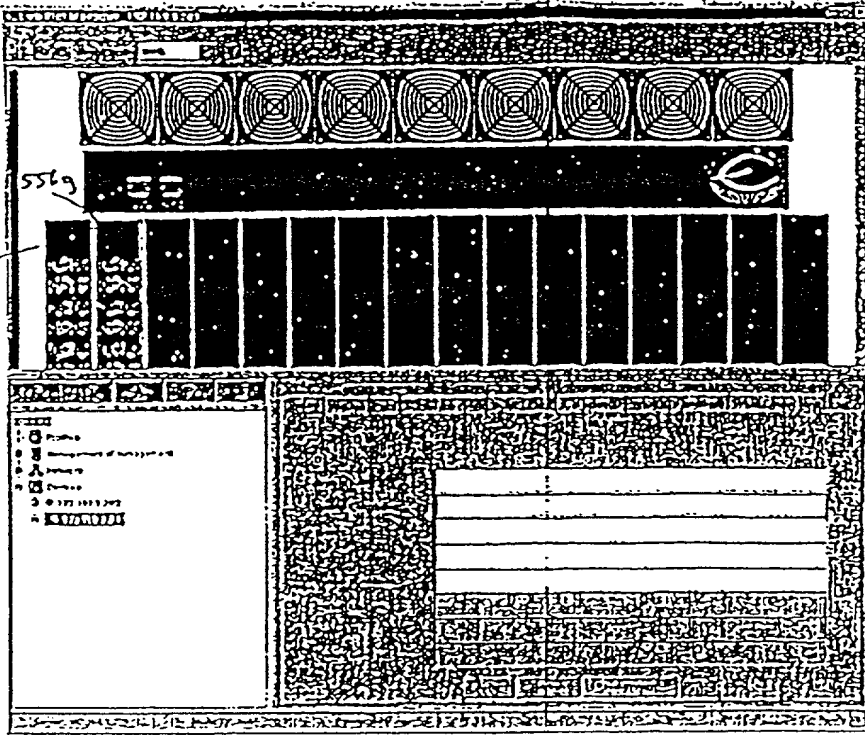


Fig. 6m

0923300-041901

895

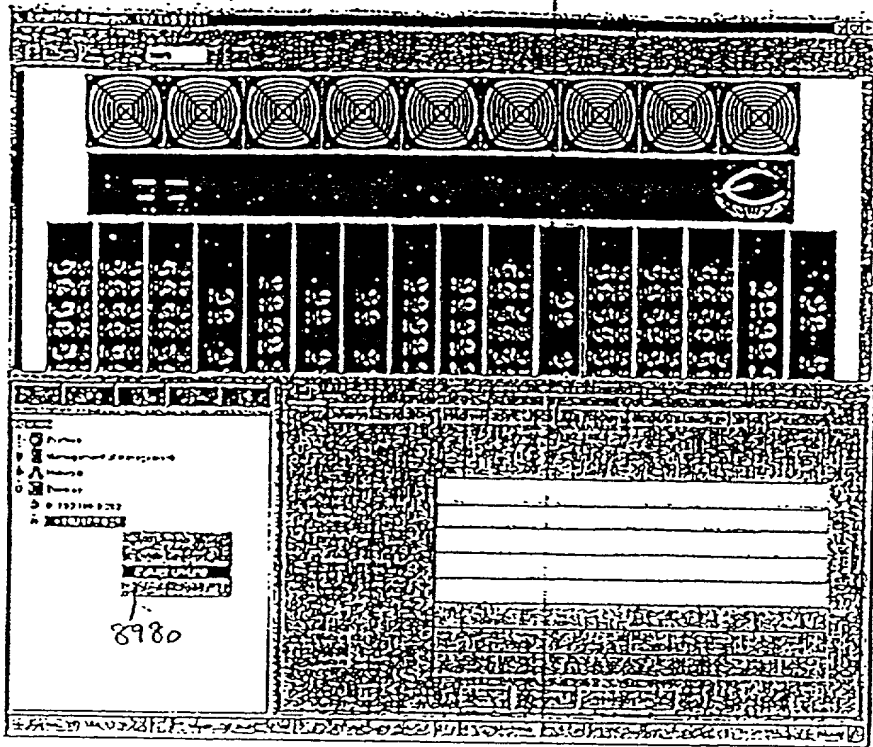


Fig. 6n

✓ 895

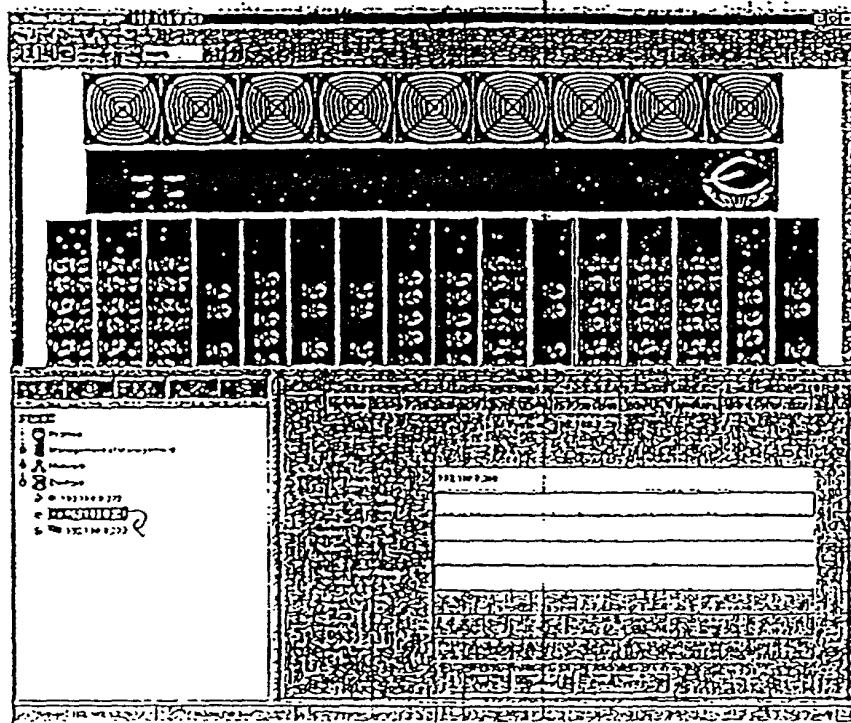


Fig. 60

The image shows a document page with a high-contrast, black-and-white aesthetic. At the top, there is a horizontal band containing five circular motifs, each filled with a dense grid of dots. Directly beneath this band is a row of ten small, square icons; each icon depicts a stylized, somewhat abstract figure or symbol. The lower portion of the page is dominated by a large, rectangular area filled with a complex, repeating pattern that resembles a barcode or a decorative border. To the right of this patterned area, there is a vertical column of text, which appears to be a list or index of items, though the individual entries are difficult to discern due to the high contrast and noise.

Fig. 6P

Figure 1 is a 3D bar chart illustrating the distribution of the number of children per woman by country and year. The x-axis represents the number of children (0 to 10), the y-axis represents the percentage of women, and the z-axis represents the year (1990, 2000, 2010). The chart shows a general trend of decreasing fertility rates over time across all countries.

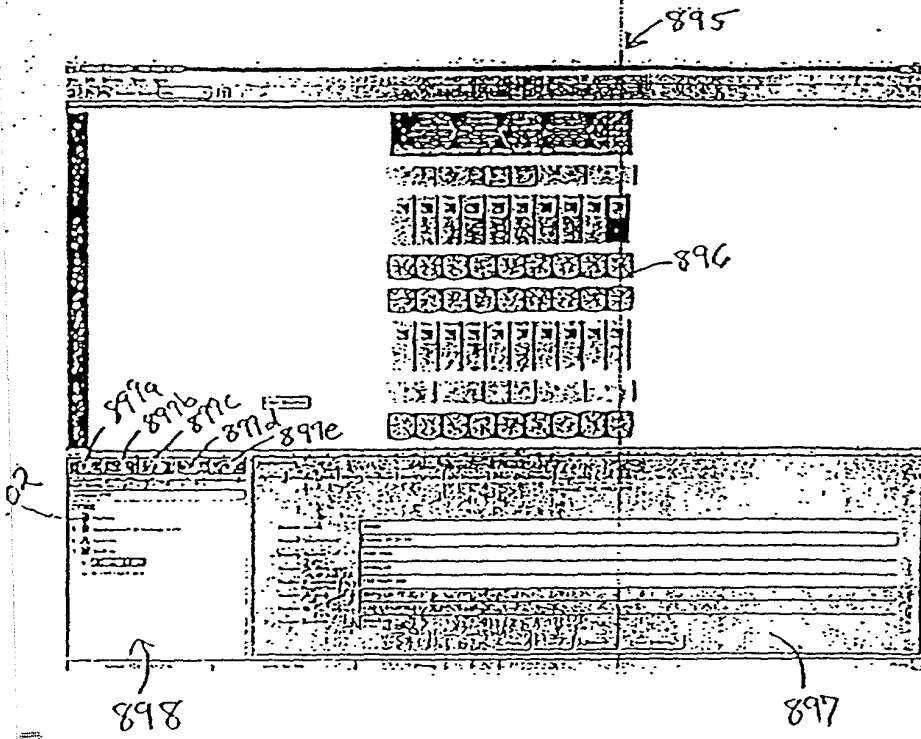


Fig. 7a

09833300.04.901

System	Event ID	Event Number	Event Description
1.1.55.6	Fan OverTemp	44	"Fan marginally functioning"
1.1.55.7	New Board Ins...	75	"New board inserted"

OK

Fig. 7b

[illegible]

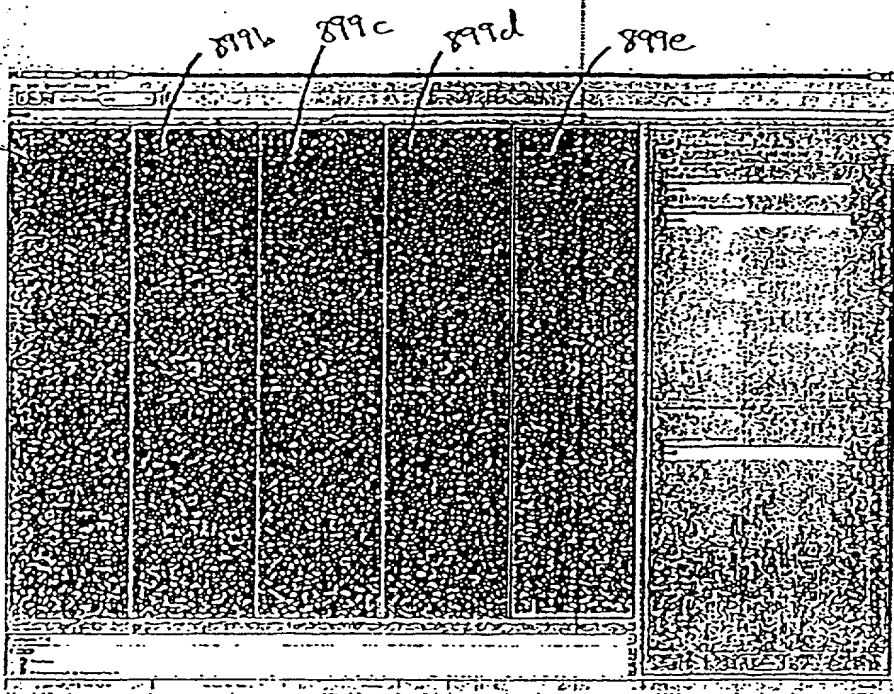


Fig. 7c

0933320-041901





895

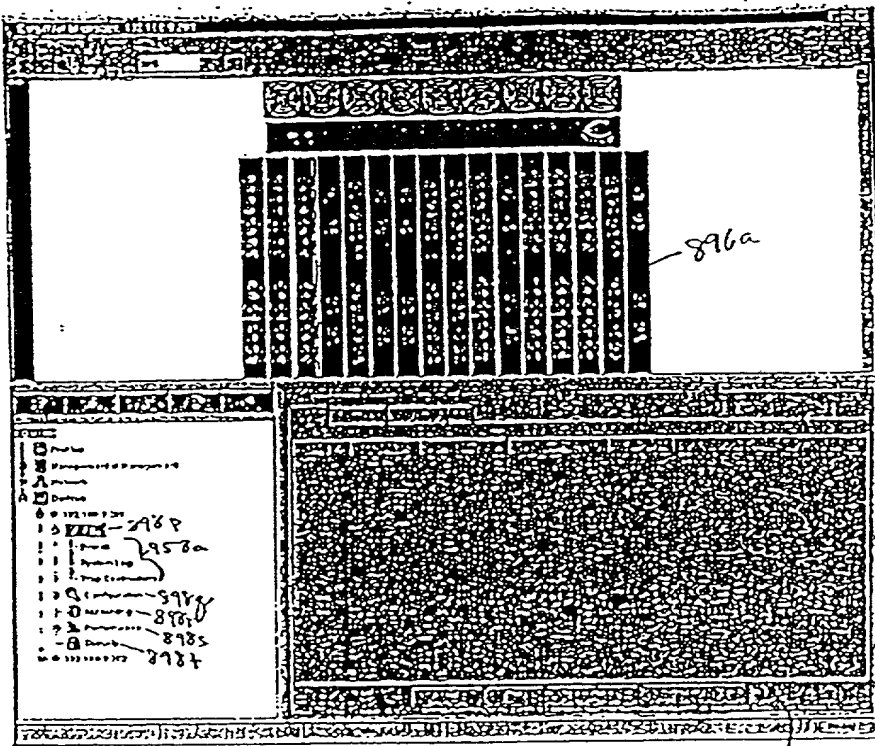


Fig. 7e



895

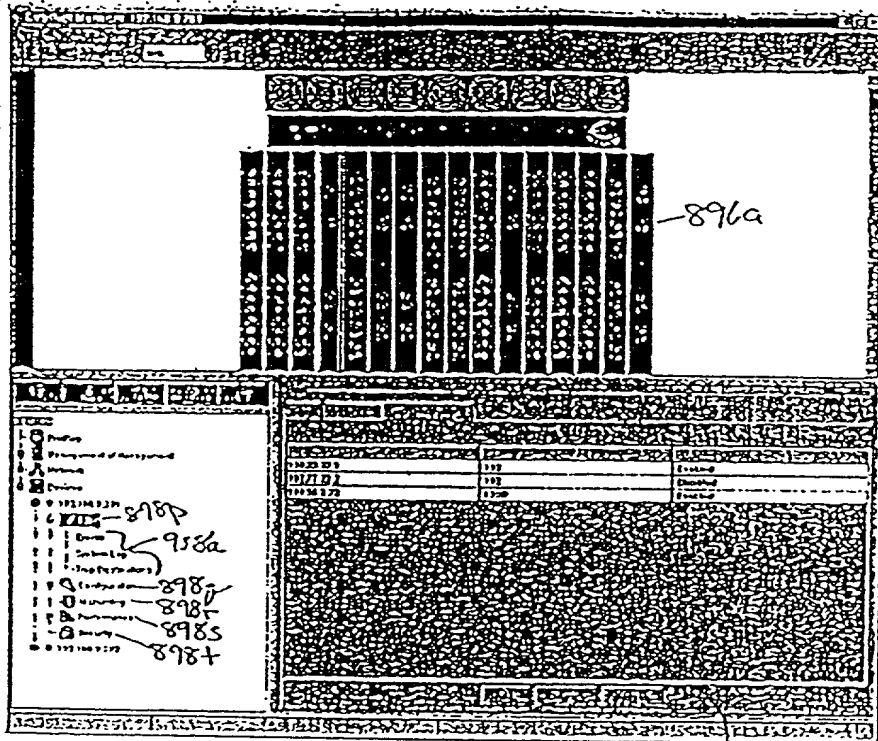


Fig. 7g

FIG. 1

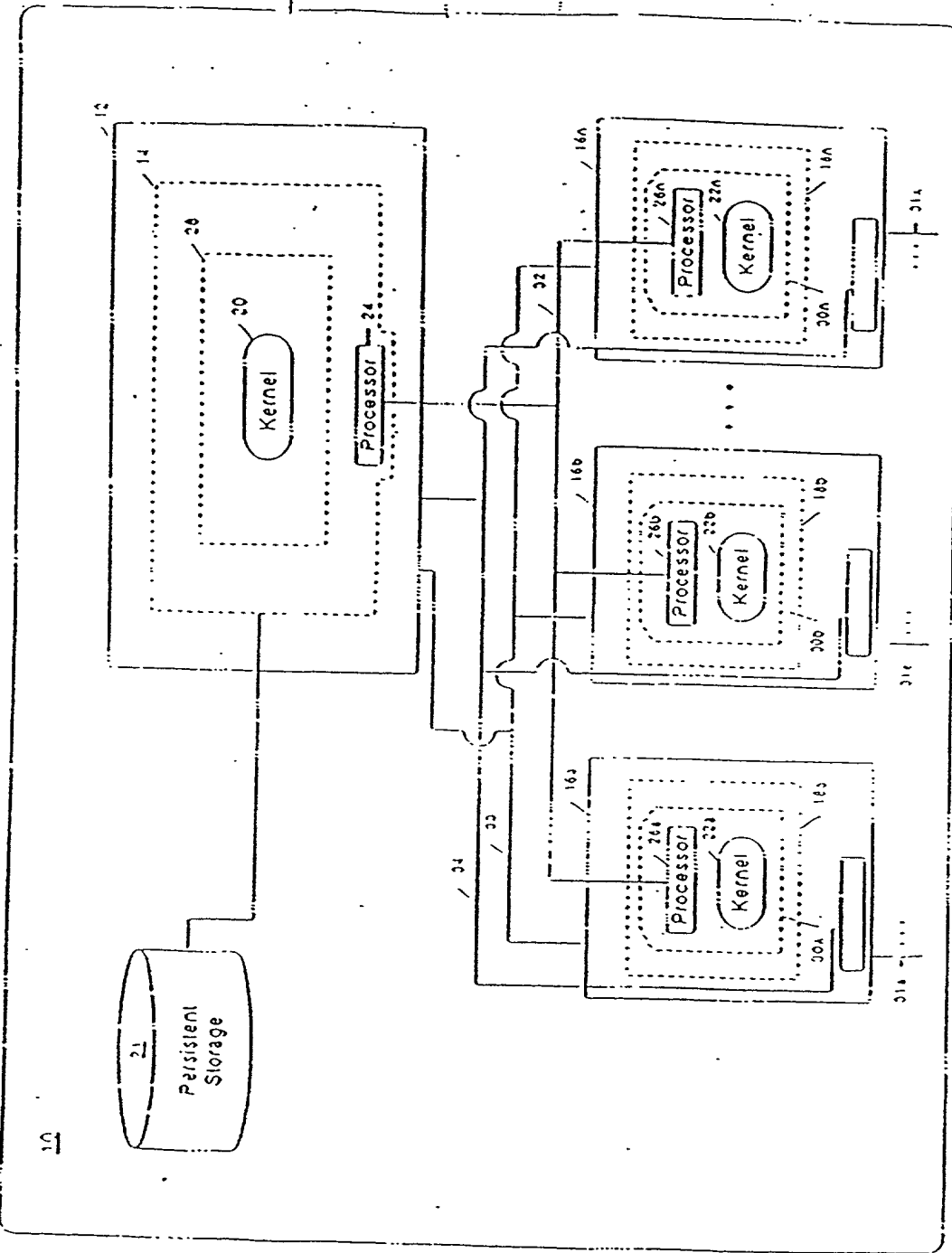


Fig. 2a

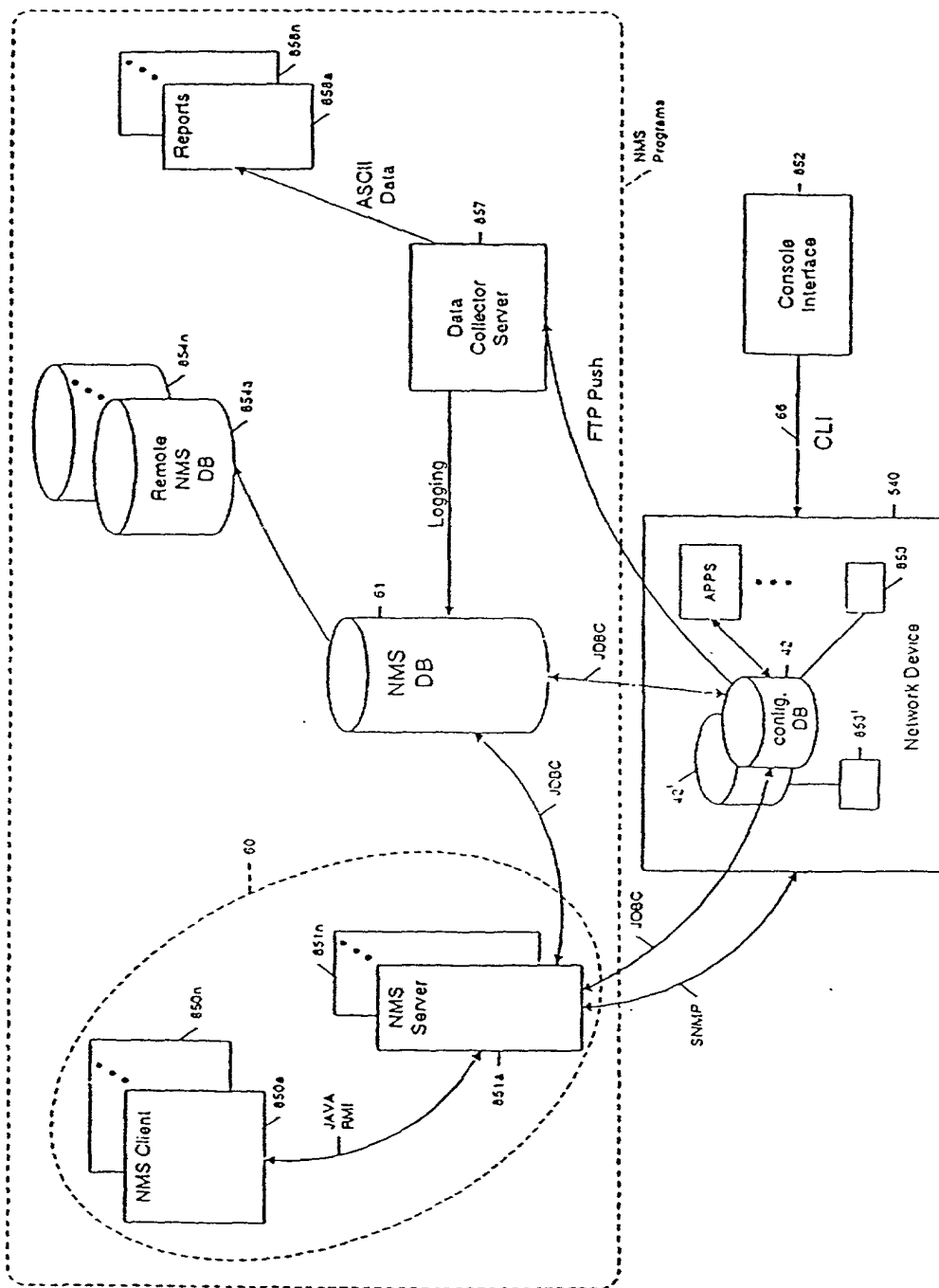
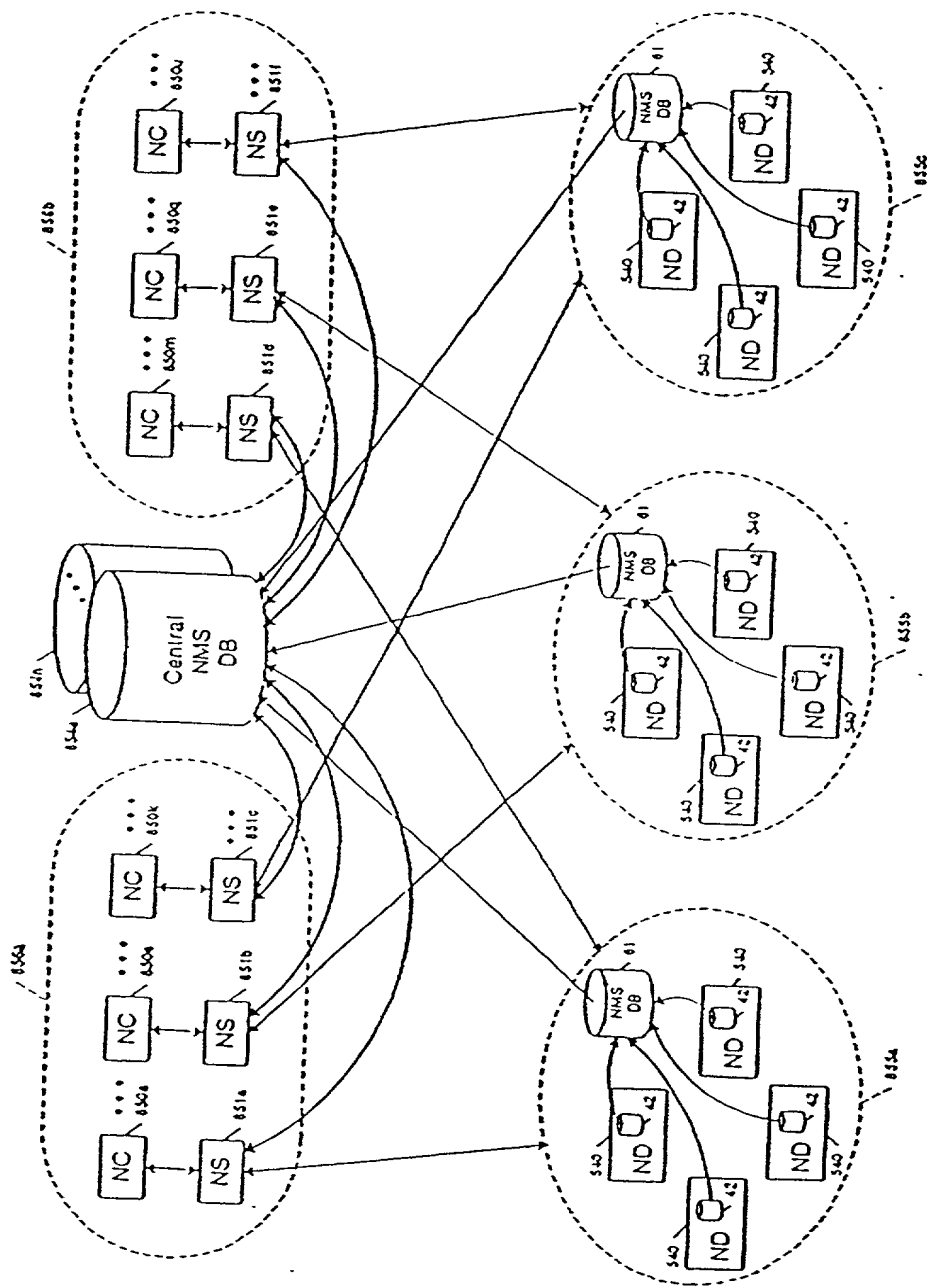


Fig. 2b



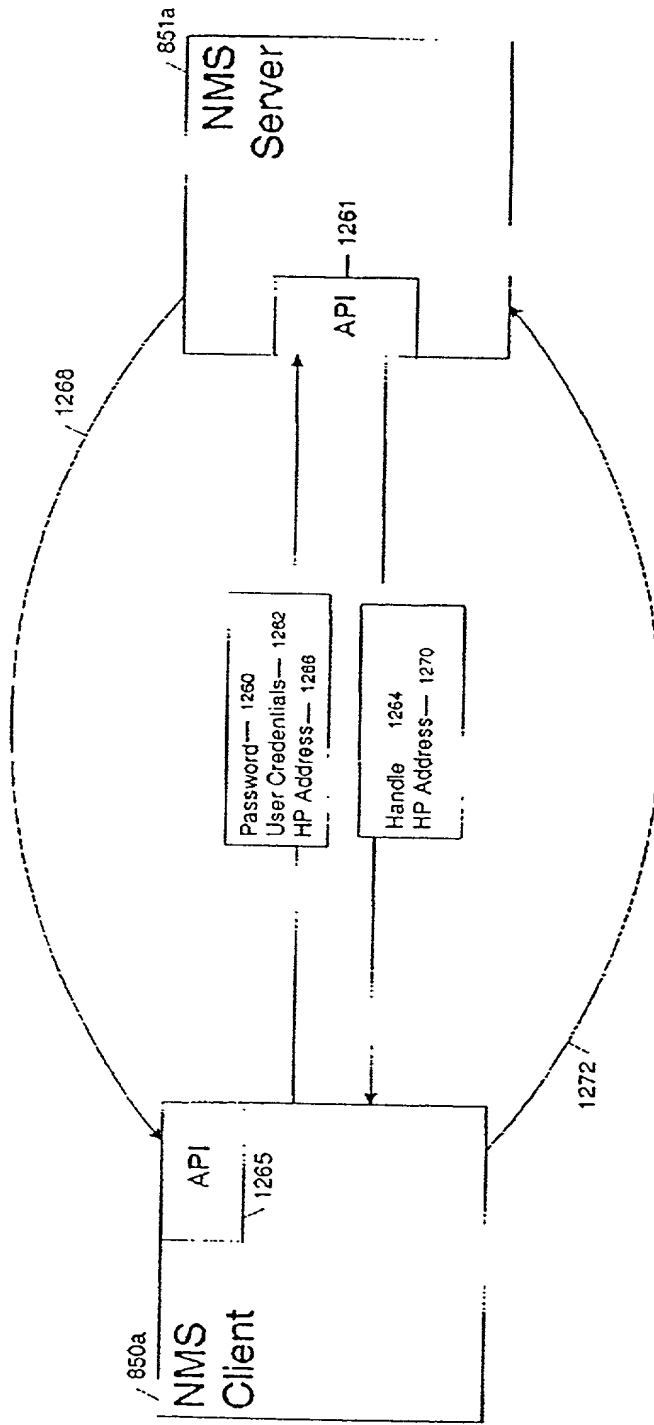


Fig. 2c



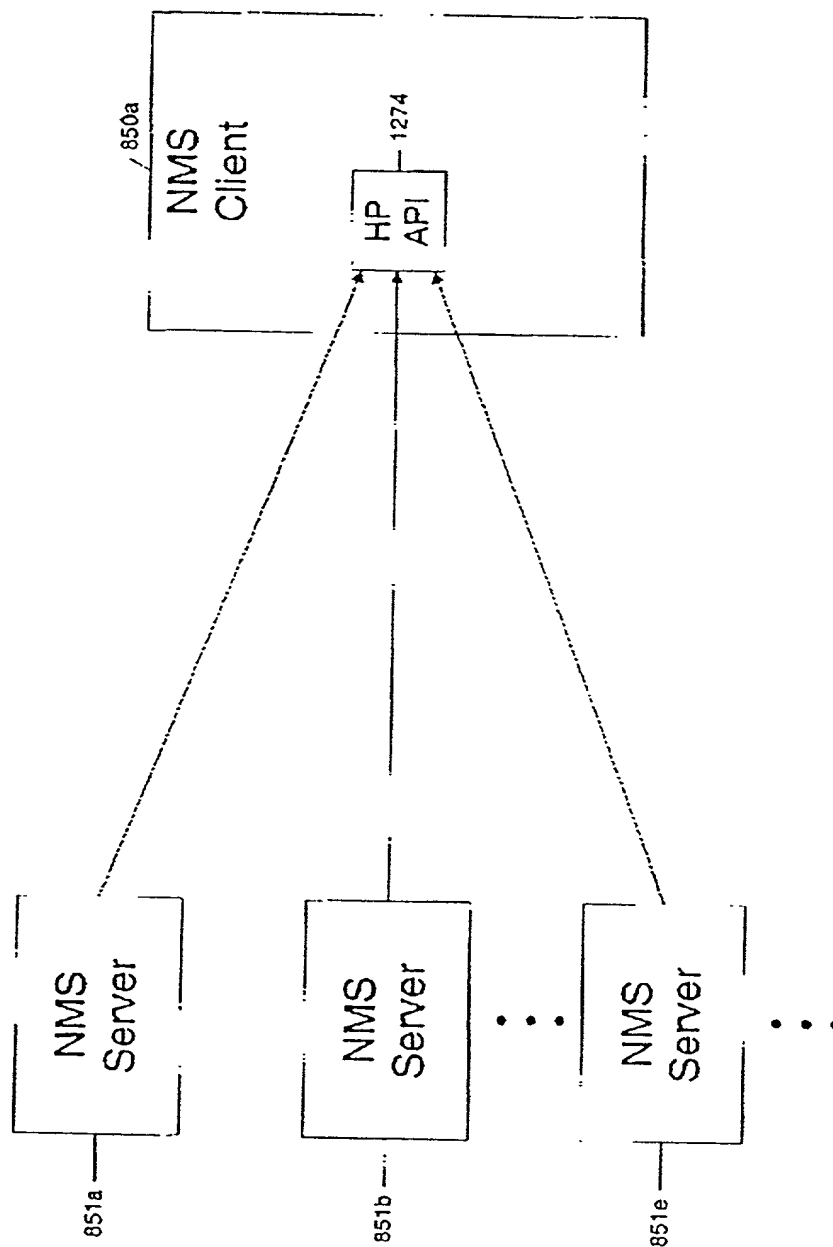


Fig. 2d

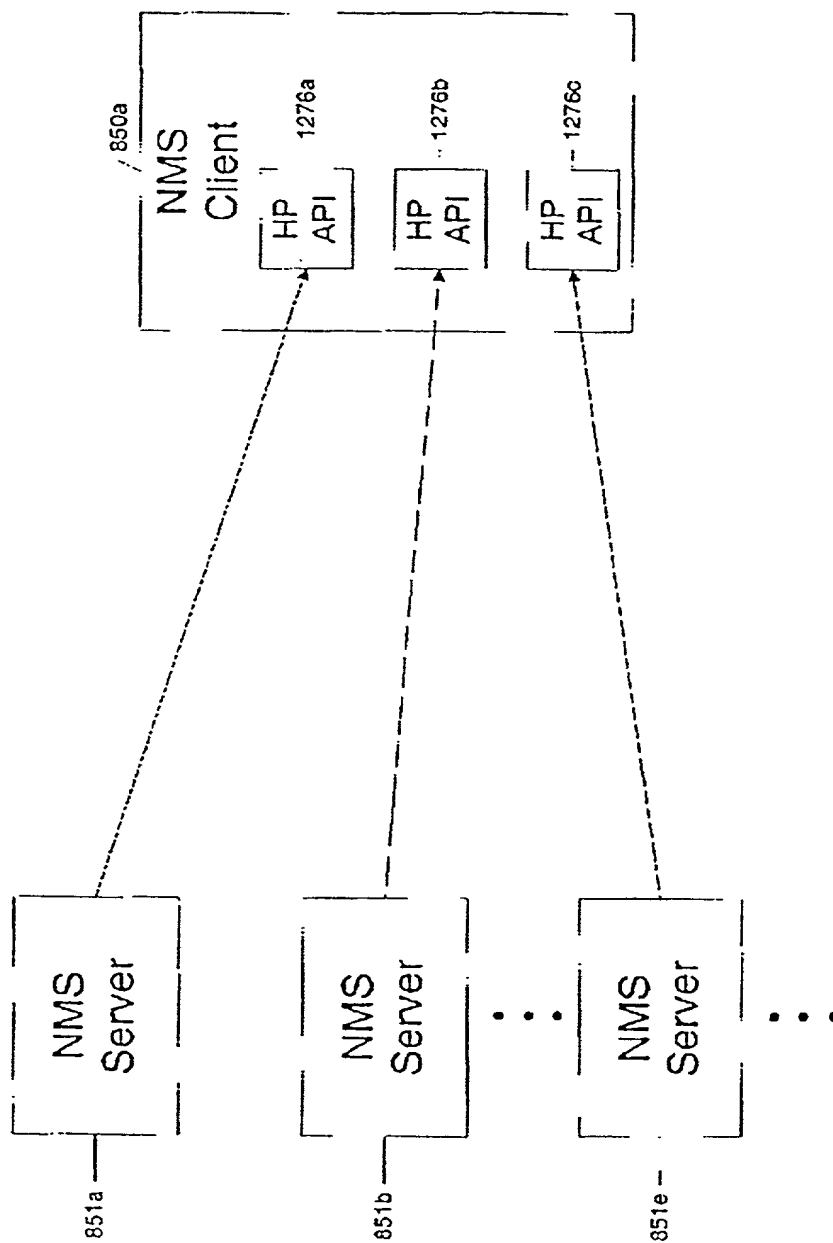


Fig. 2e

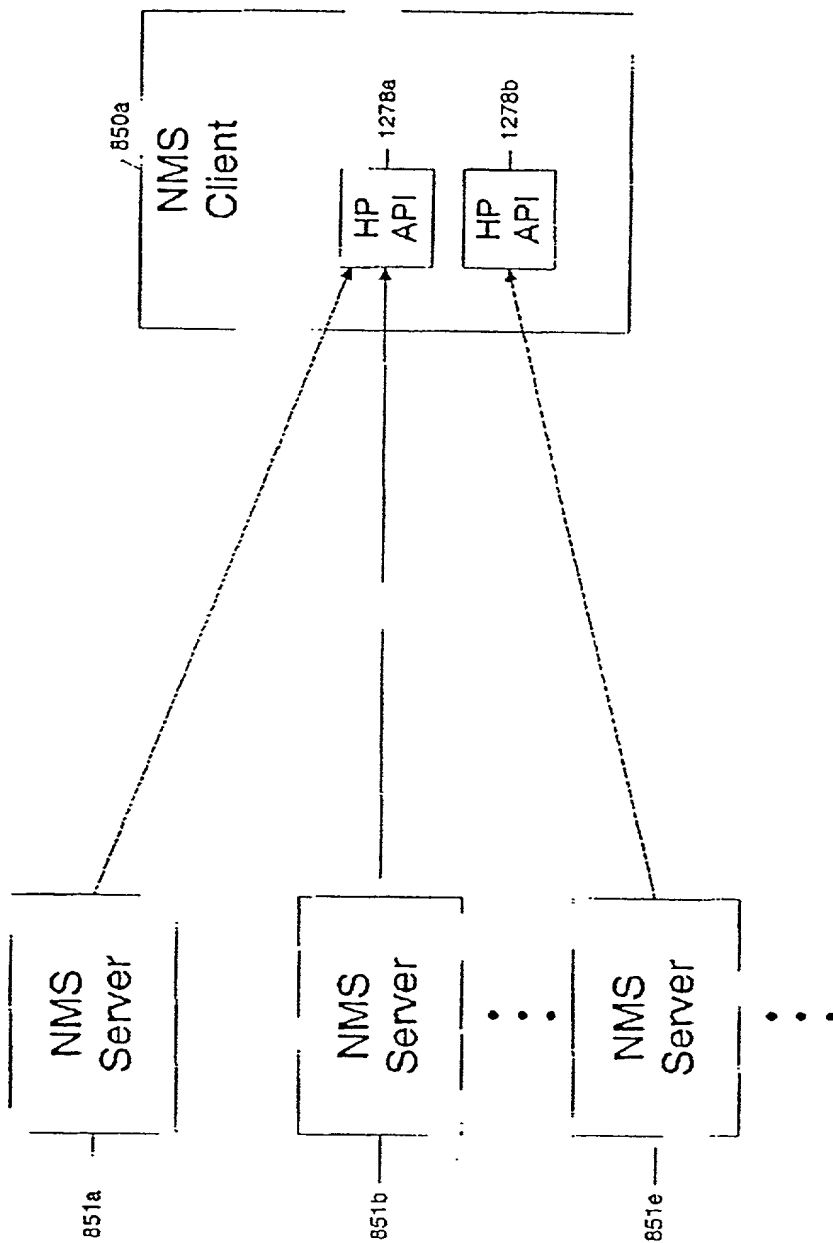


Fig. 2f

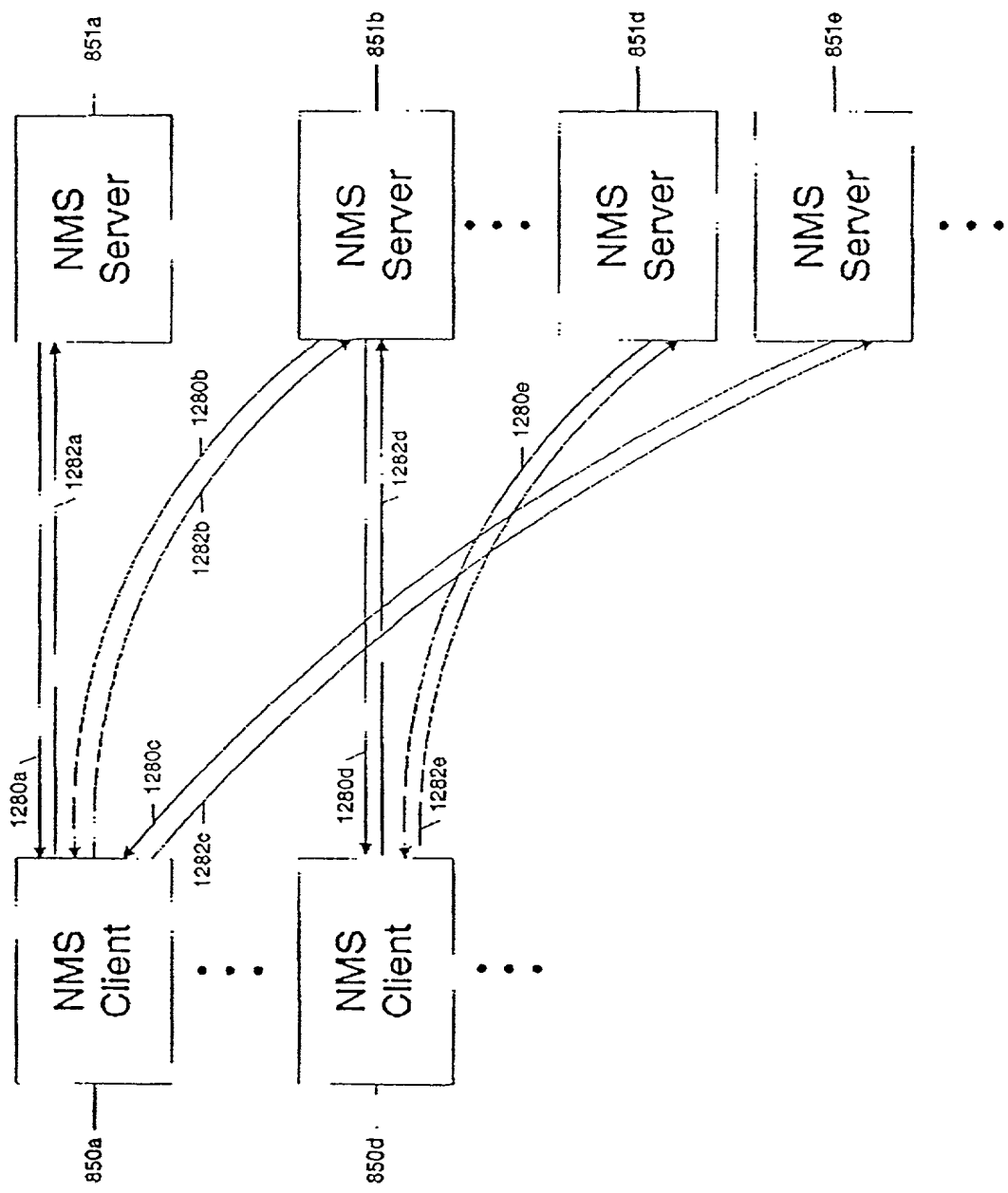


Fig. 2g

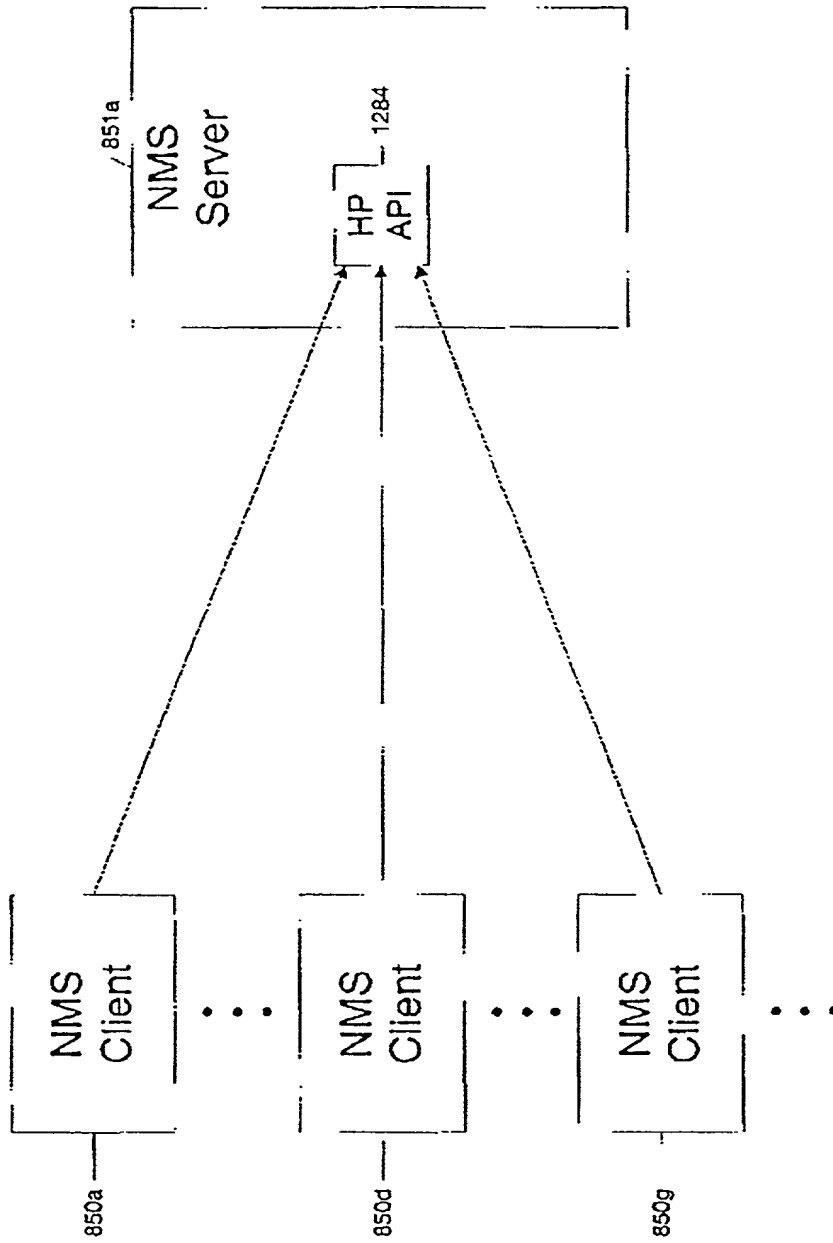


Fig. 2h

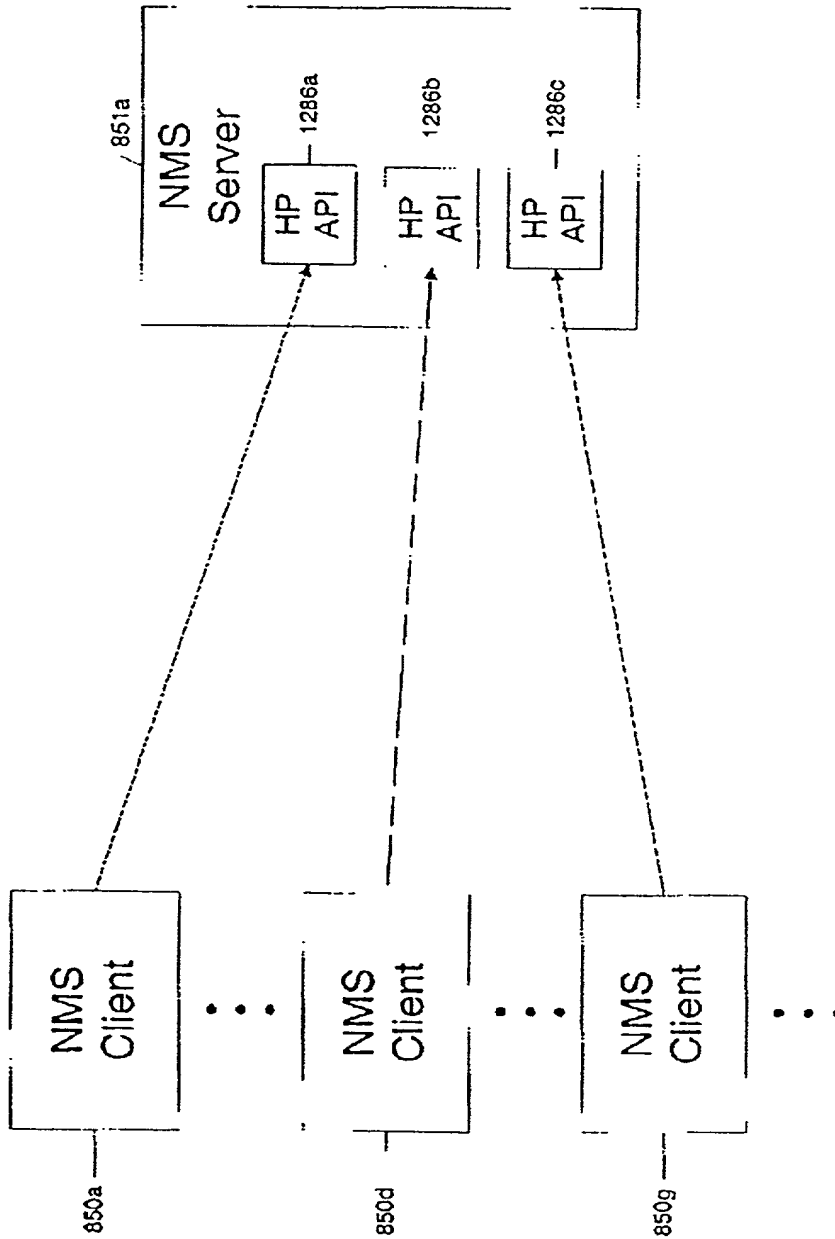


Fig. 2I

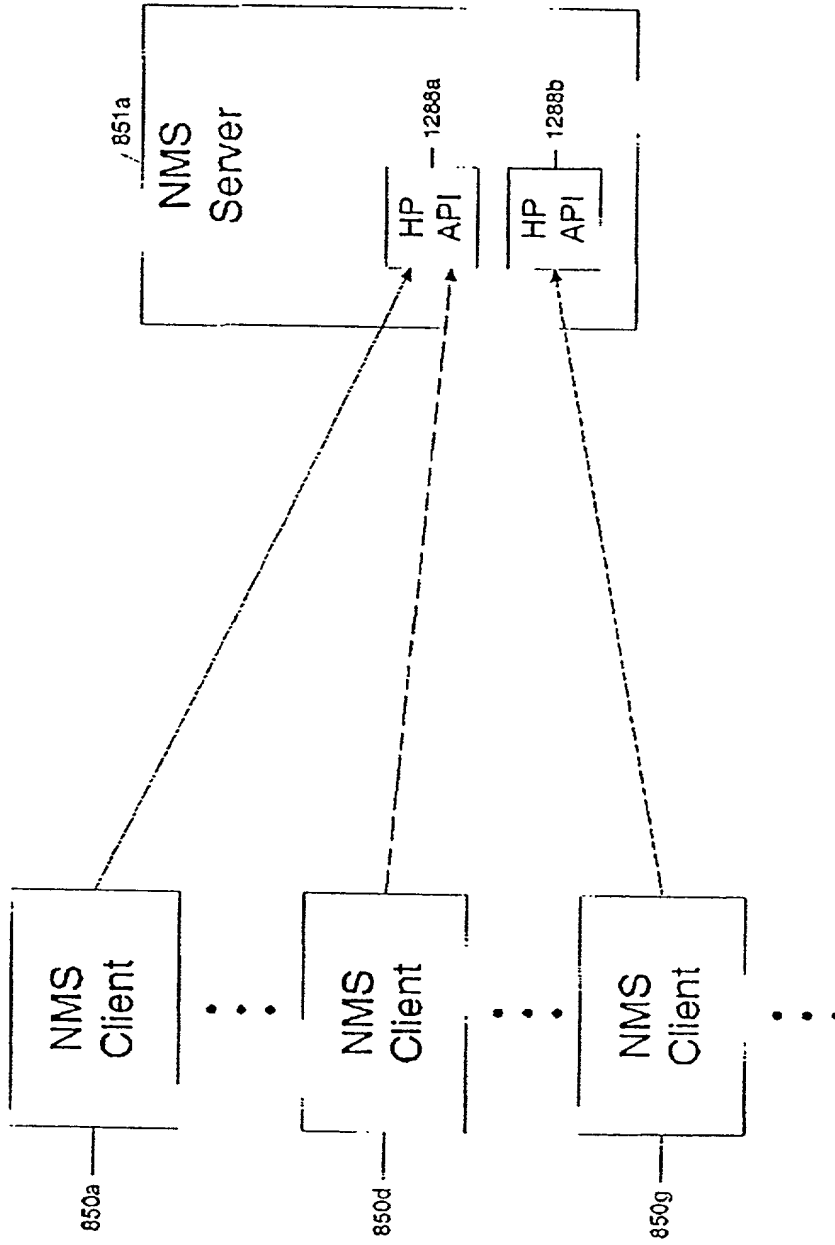


Fig. 2]

FIG. 3a

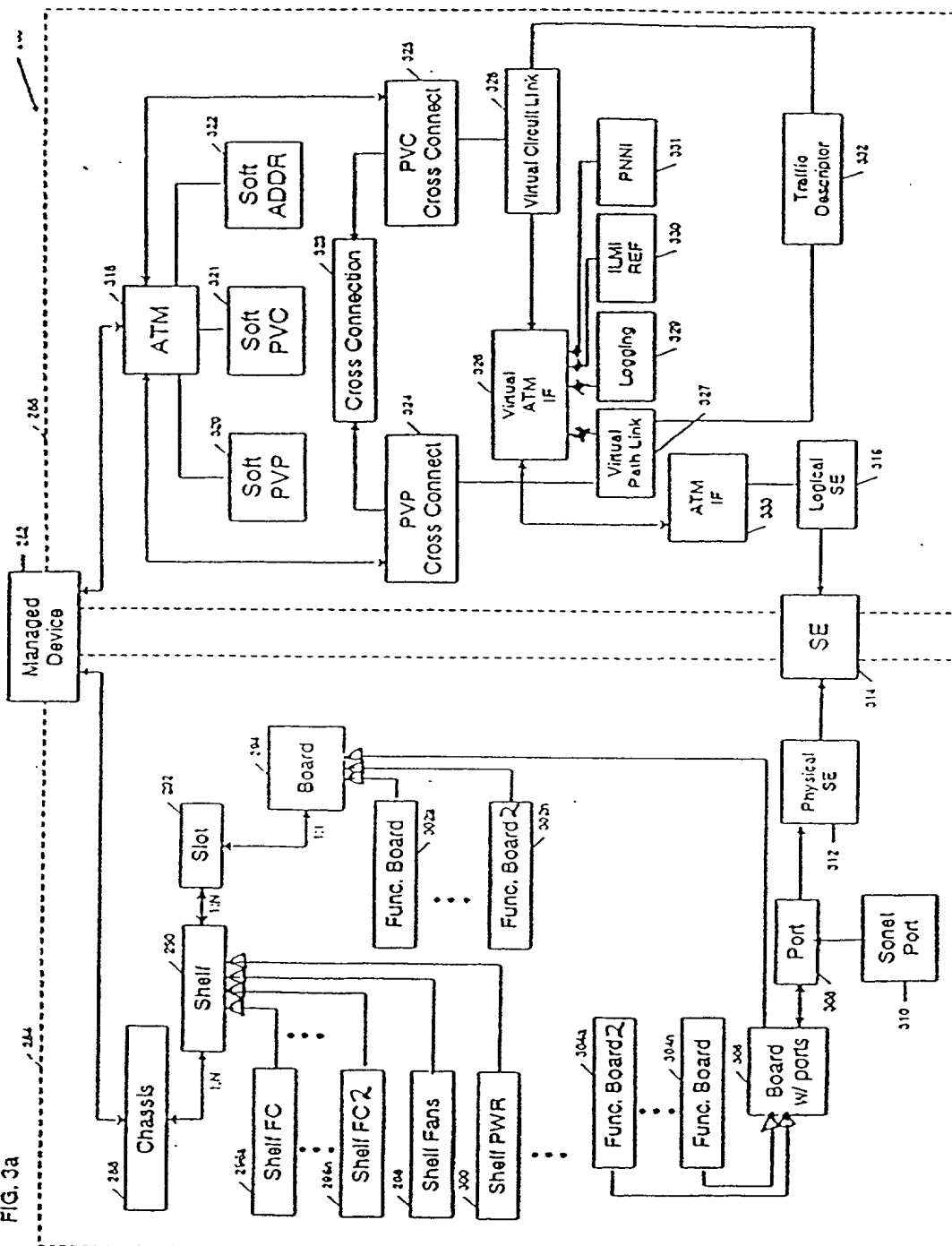




FIG. 3b

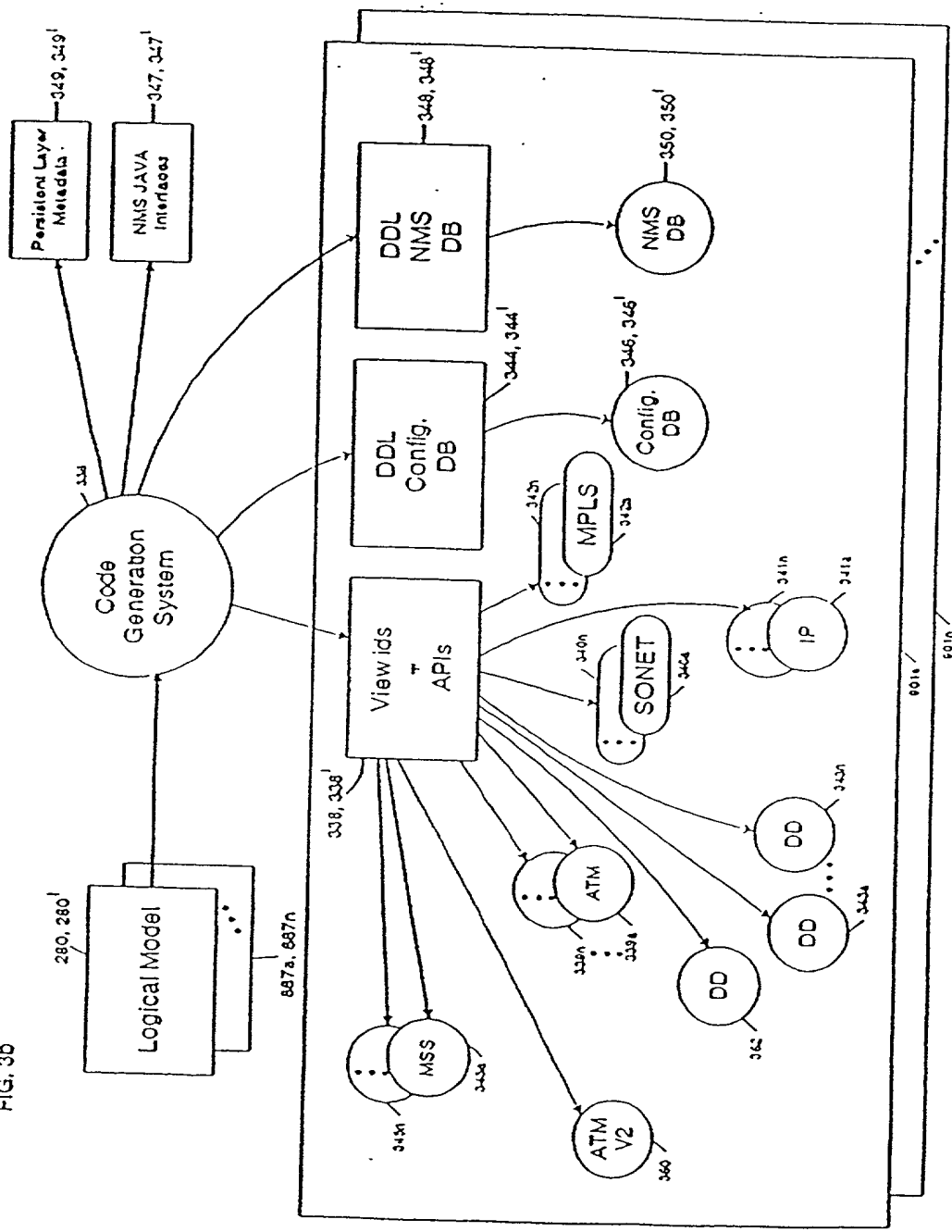


FIG. 30

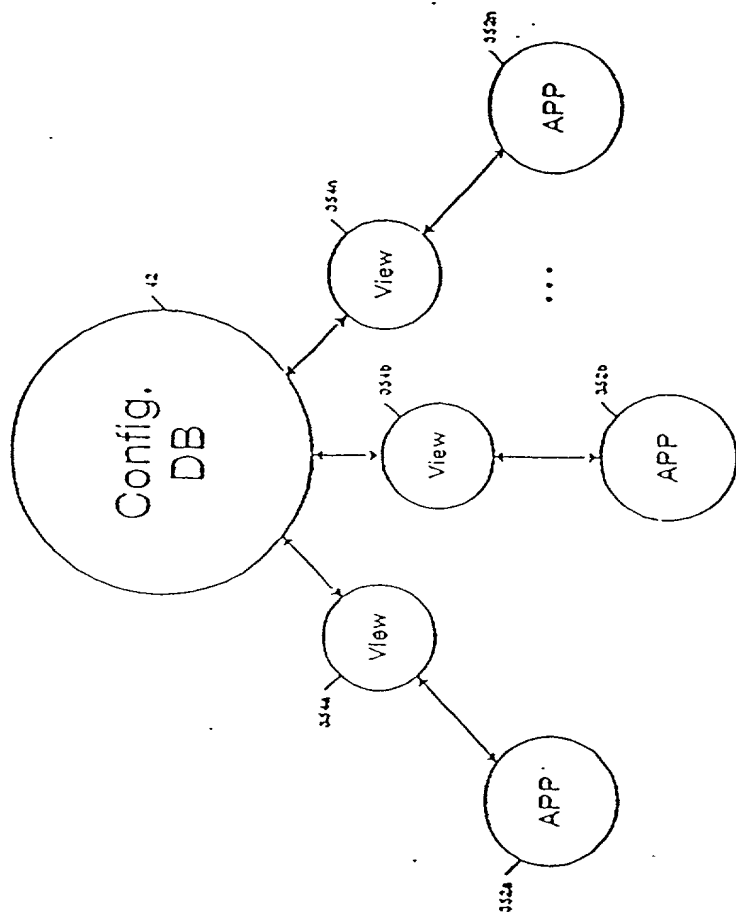
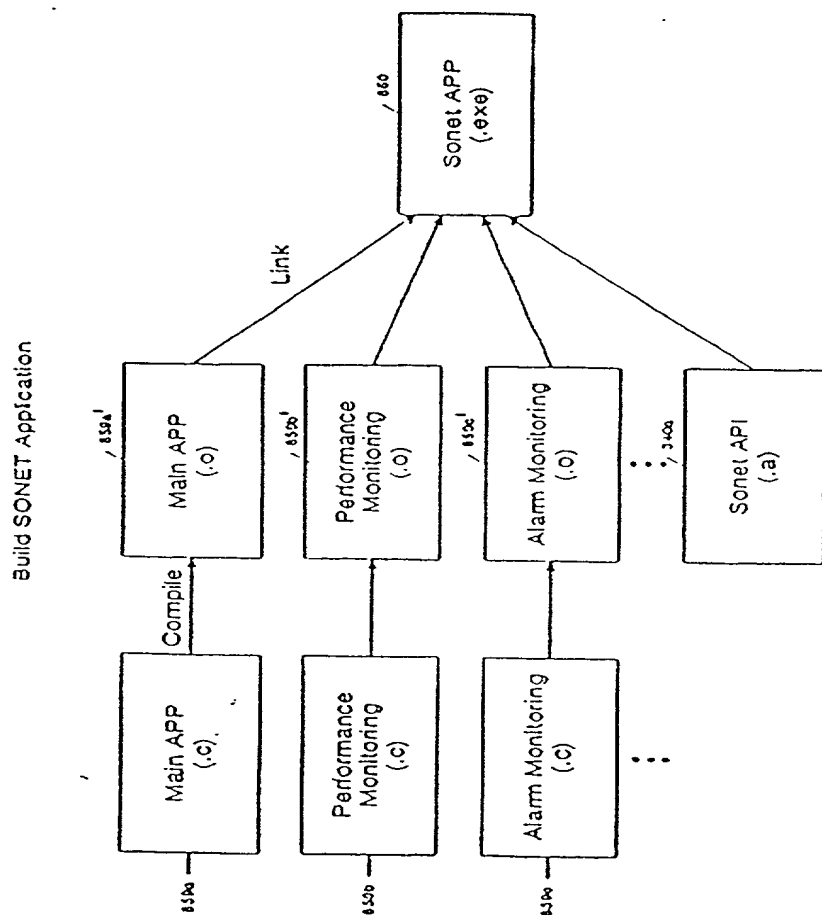


Fig. 3d



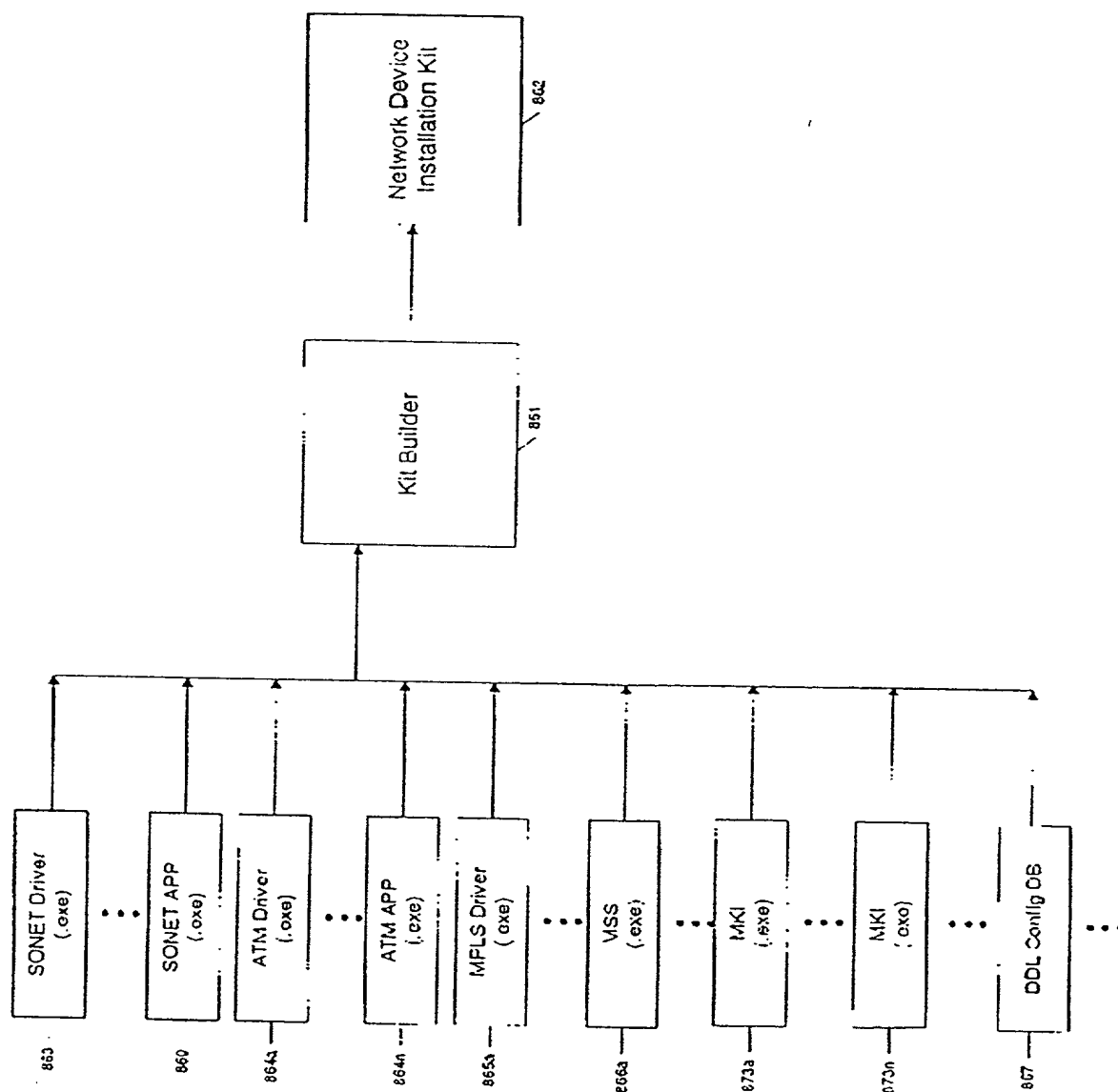


Fig. 3e

Fig. 3F

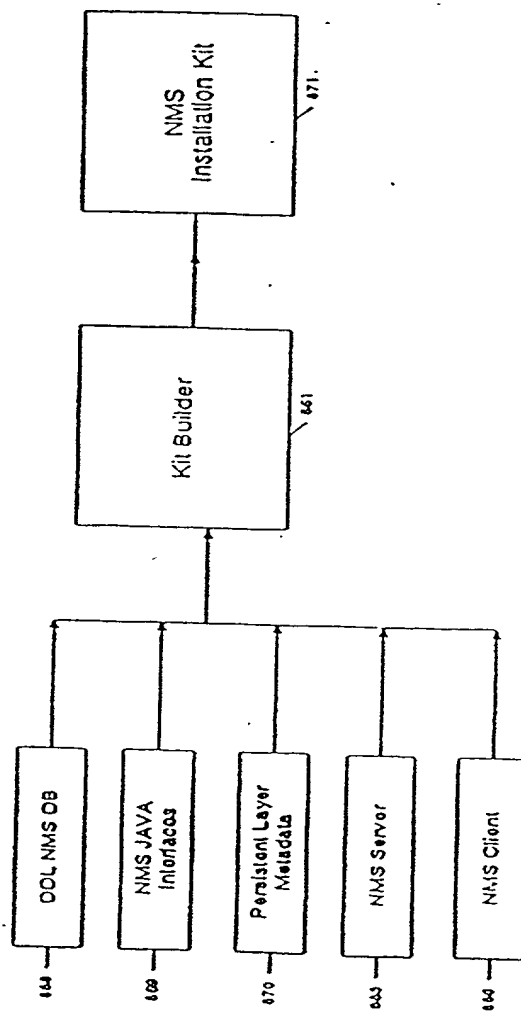


Fig. 3g

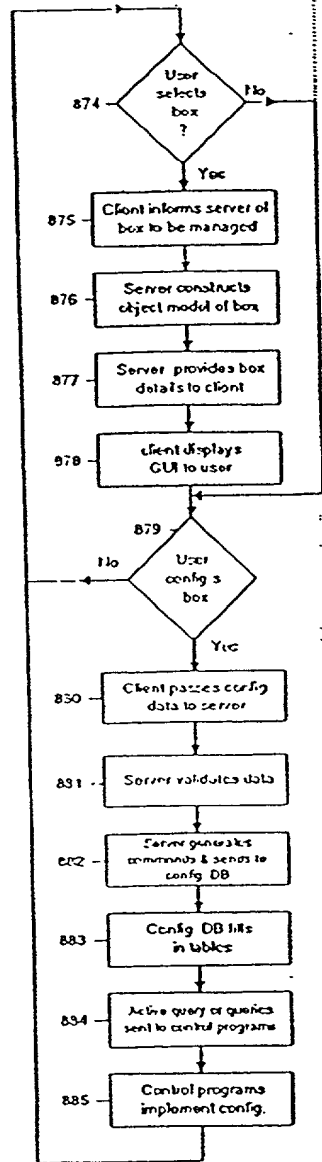
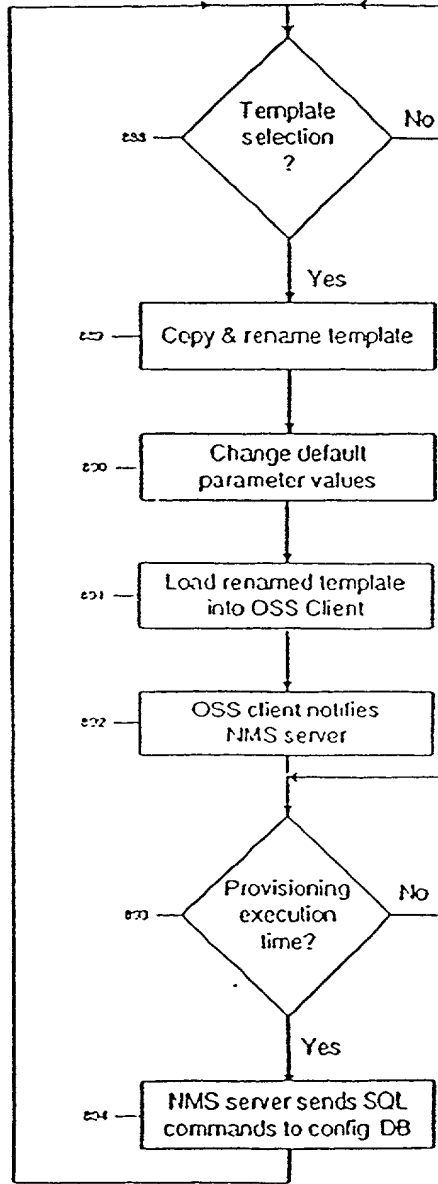


Fig. 3h



Sent By: Equipe Communications;

781 795 2031;

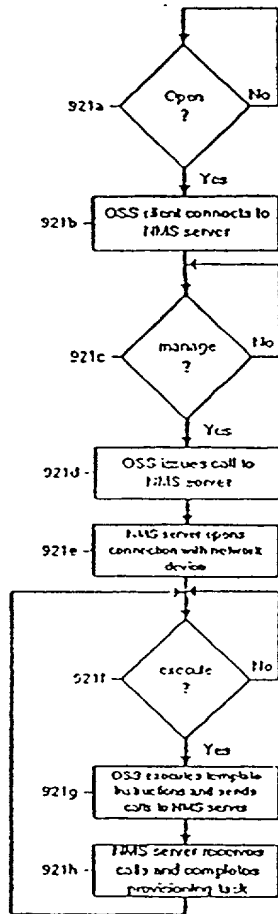
Jul-21-00 2:44PM;

Page 11





Fig. 3j







✓ 925

Operator=Execute

925a--Task 1=execute-CONTROL

```
j255 -Task2=execute-SPATII
```

125C -Task3=sci-SPATII-PonID-3

25.2 — Task 4 = execute-SPATII

5c. — Task61=set-CONTROL-System-192.168.9.201

254 — Task62=execute-CONTROL

25c9 — Task63=execute-SPATH

91257, -Task 108=close

```
125; -Task109=scl-CONTROL-Server-Server1
```

```
125: -Task110=sci-CONTROL-System-192.168.8.200
```

Task III = execute-CONTROL

25 L — Task 112 = execute-SPATII

**SECRET**

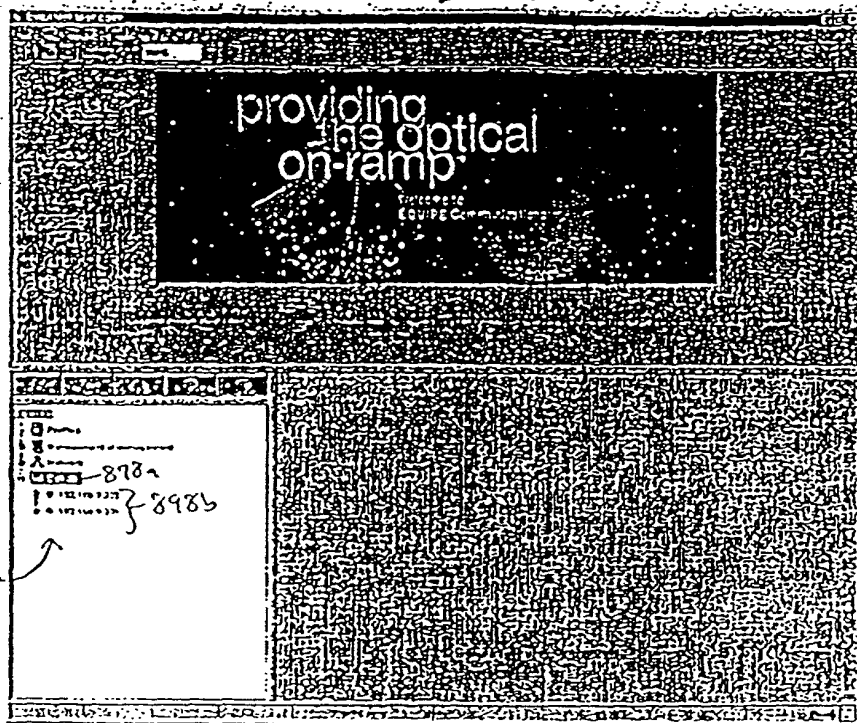


Fig. 4a

09333320-041901

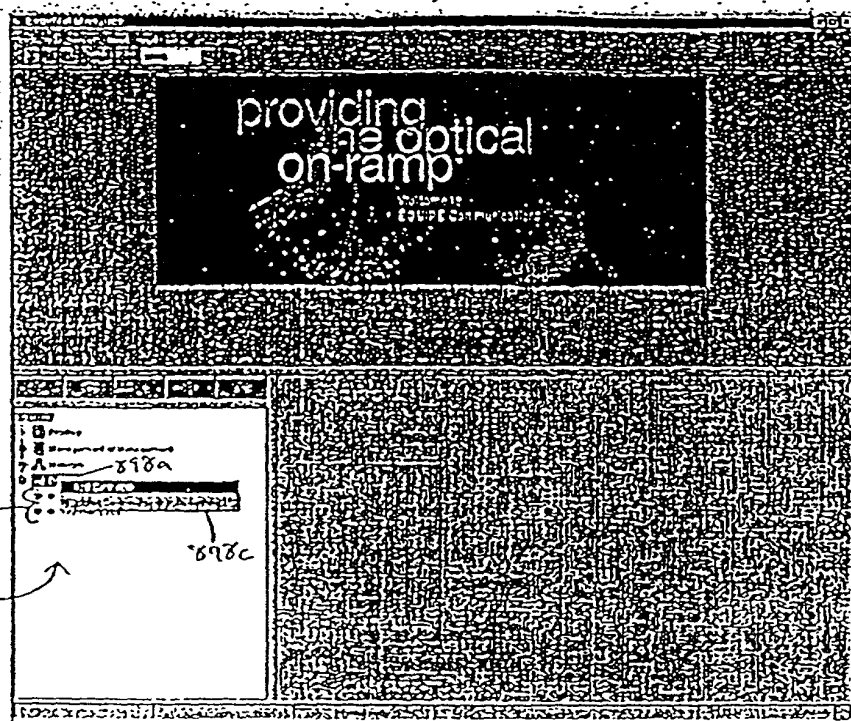
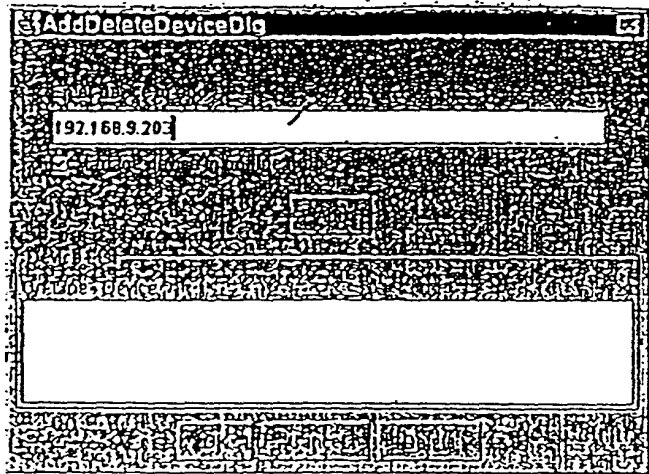


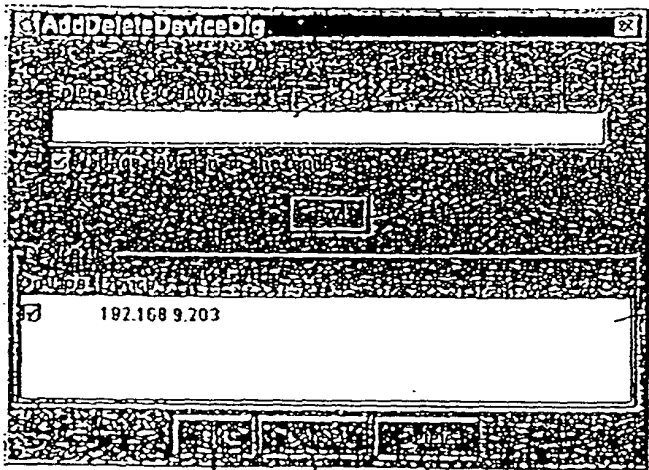
Fig. 4b

Fig. 4c



898d

Fig. 4d



898d

898g

898j

898i

898h

FIG. 4C

895

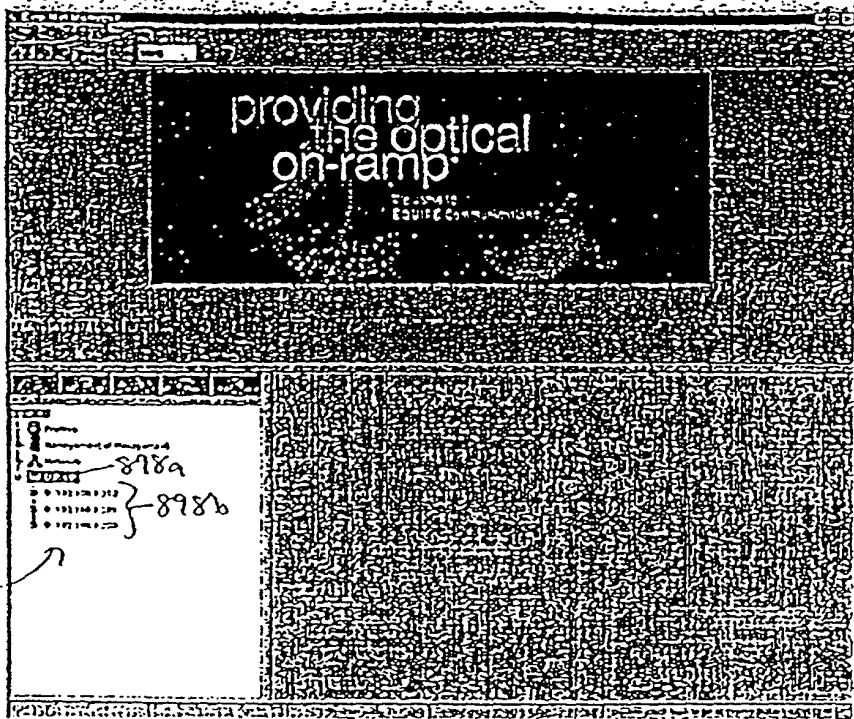


Fig. 4e



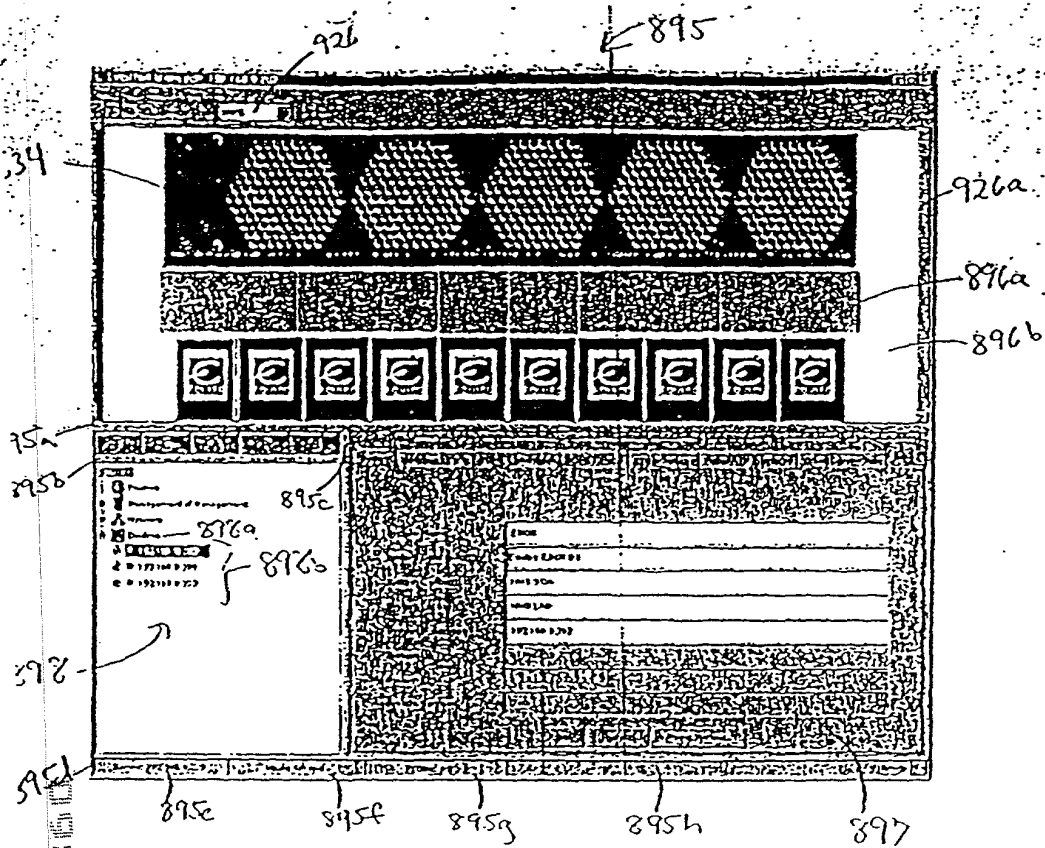
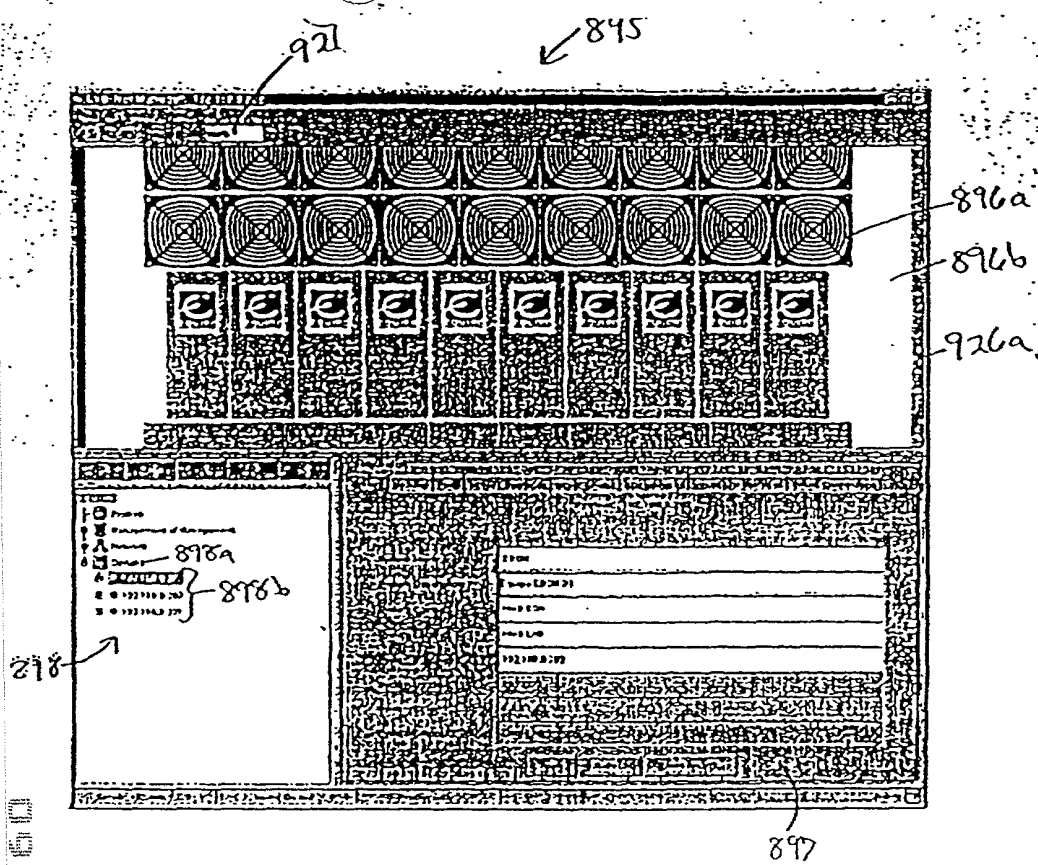


Fig. 4f





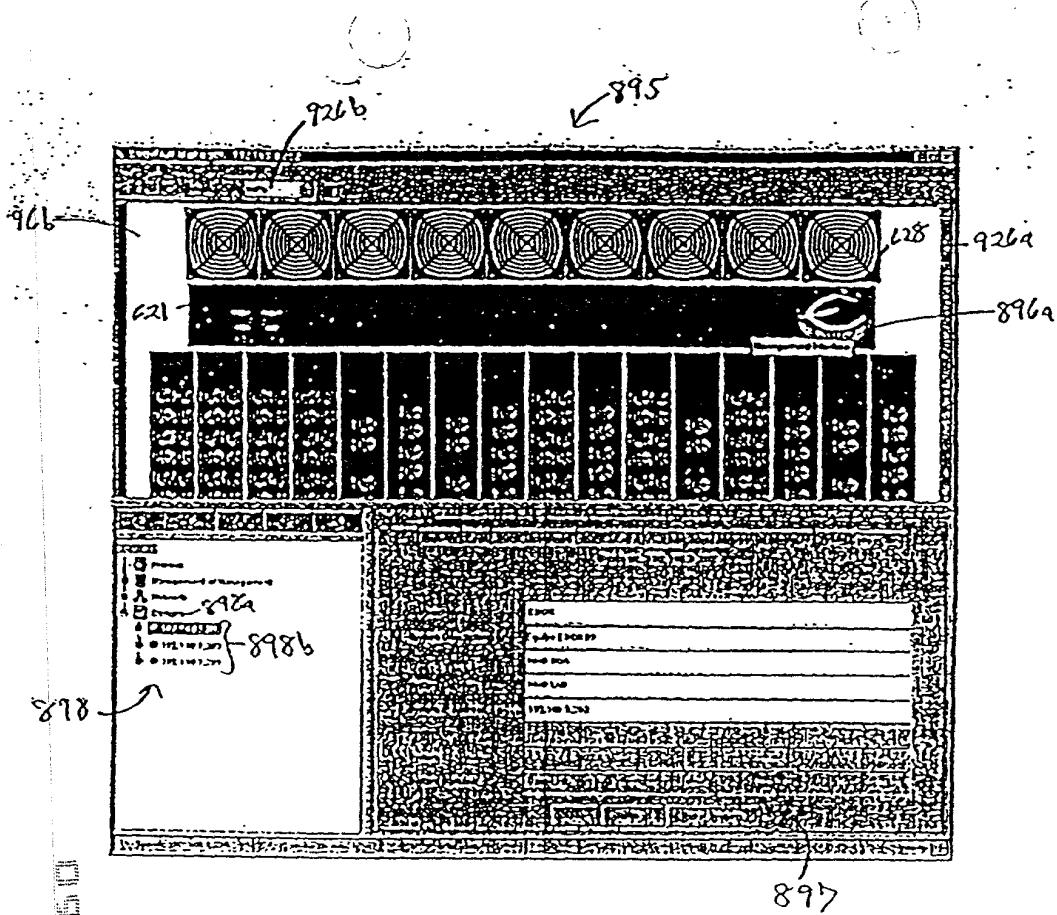


Fig. 4i

10638320-041901

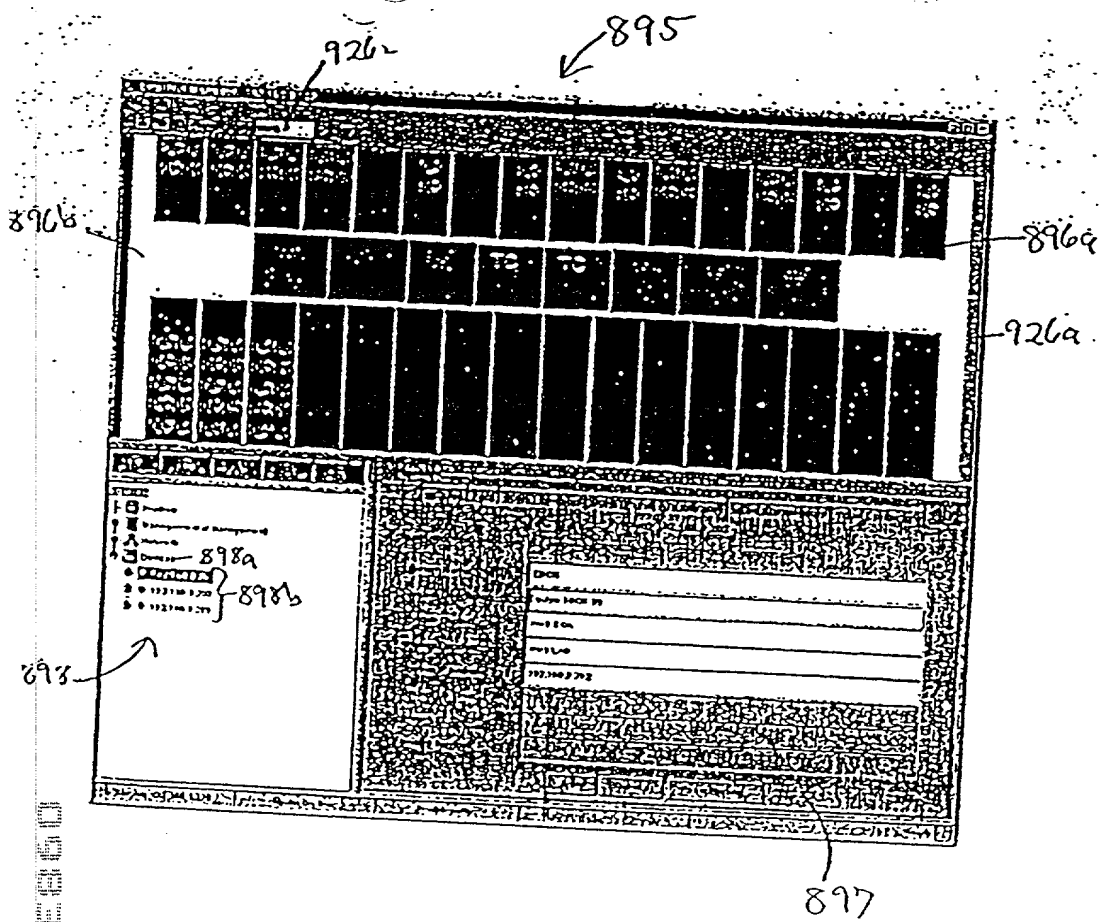


Fig. 4j

09800000.043901

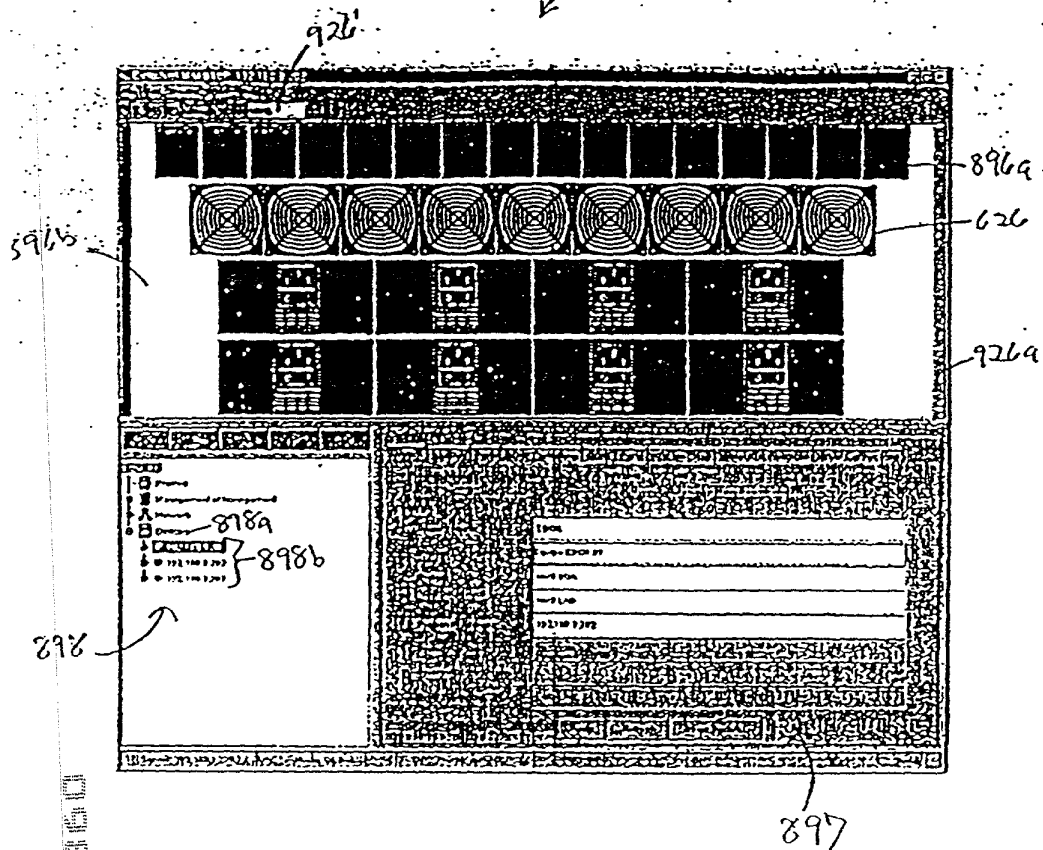


Fig. 4K

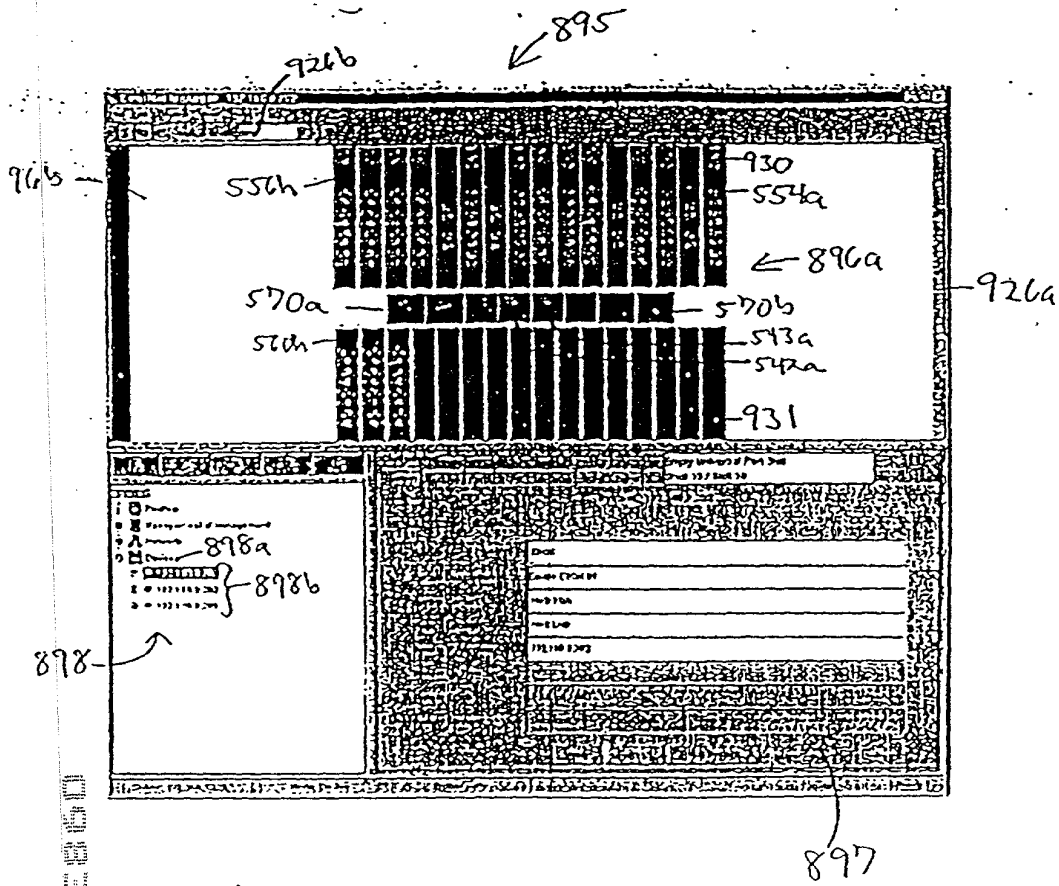


Fig. 41

093320.041901

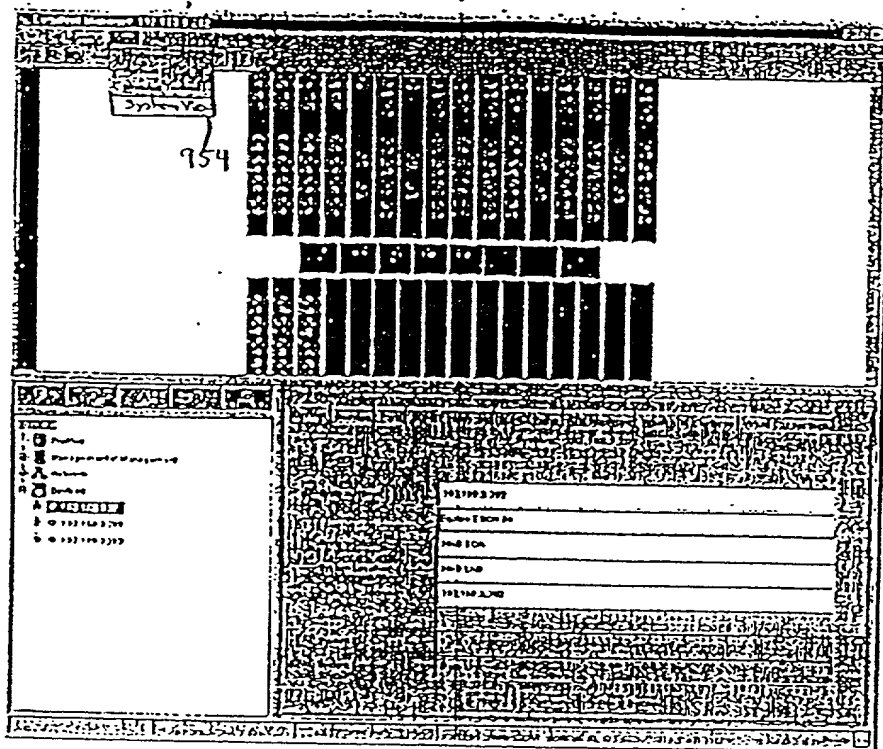
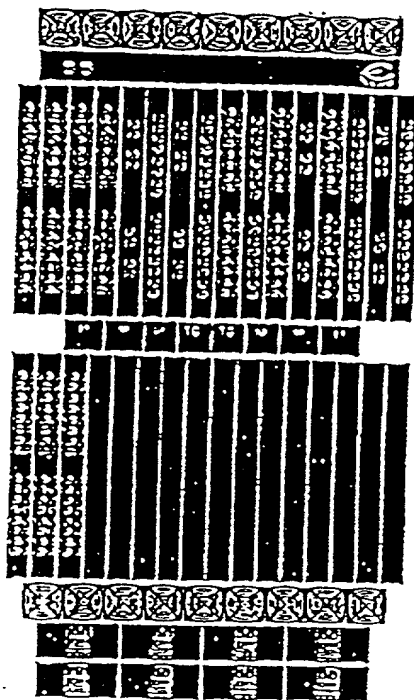
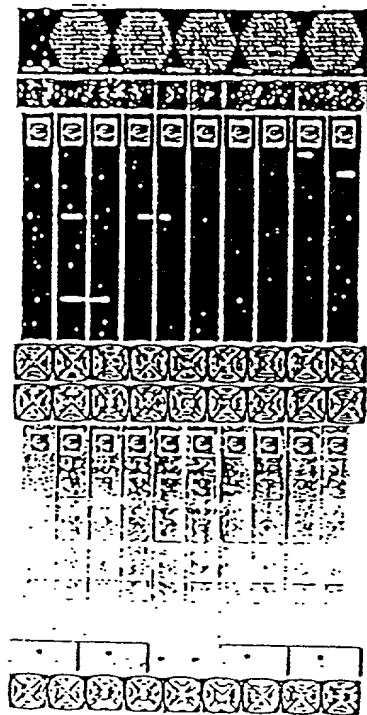


Fig. 4m



955



955a

955b

Fig. 4n



897

Fig. 4P



[illegible]

Fig. 47

895

758c  
58d  
158e

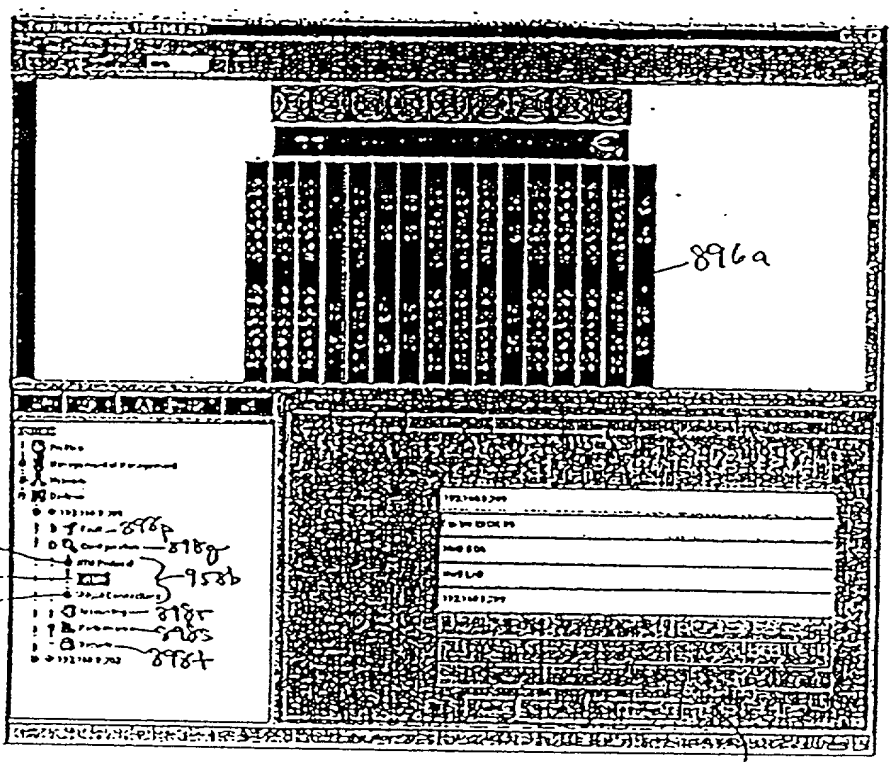
758p  
758g  
758b  
758r  
758s  
758t

896a

897

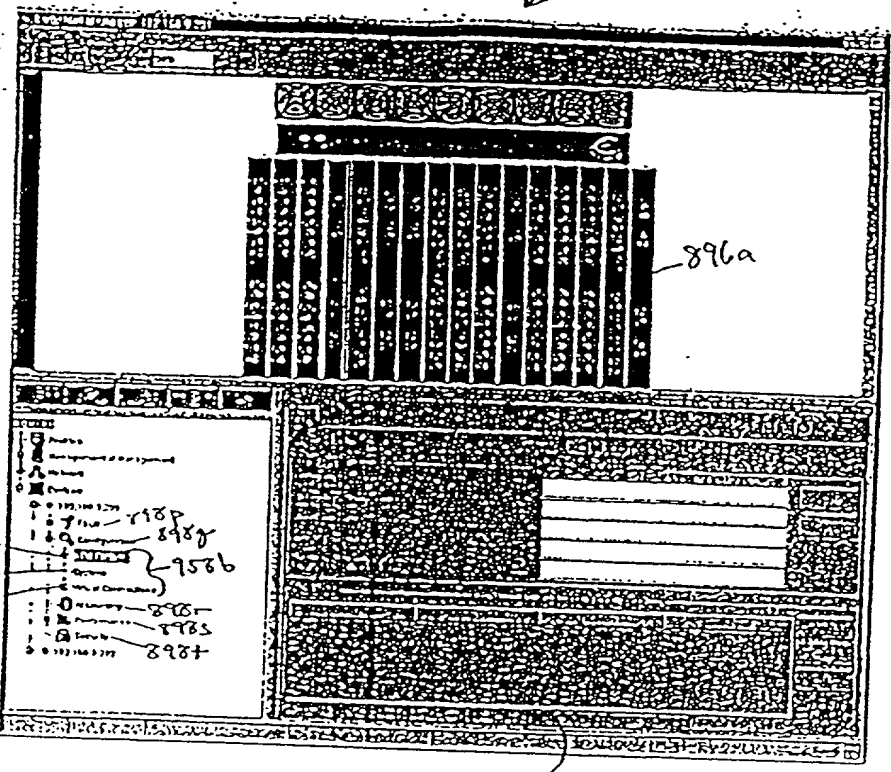
Fig. 7h

038320-041901



895

958c  
958d  
958e



897

Fig. 7i

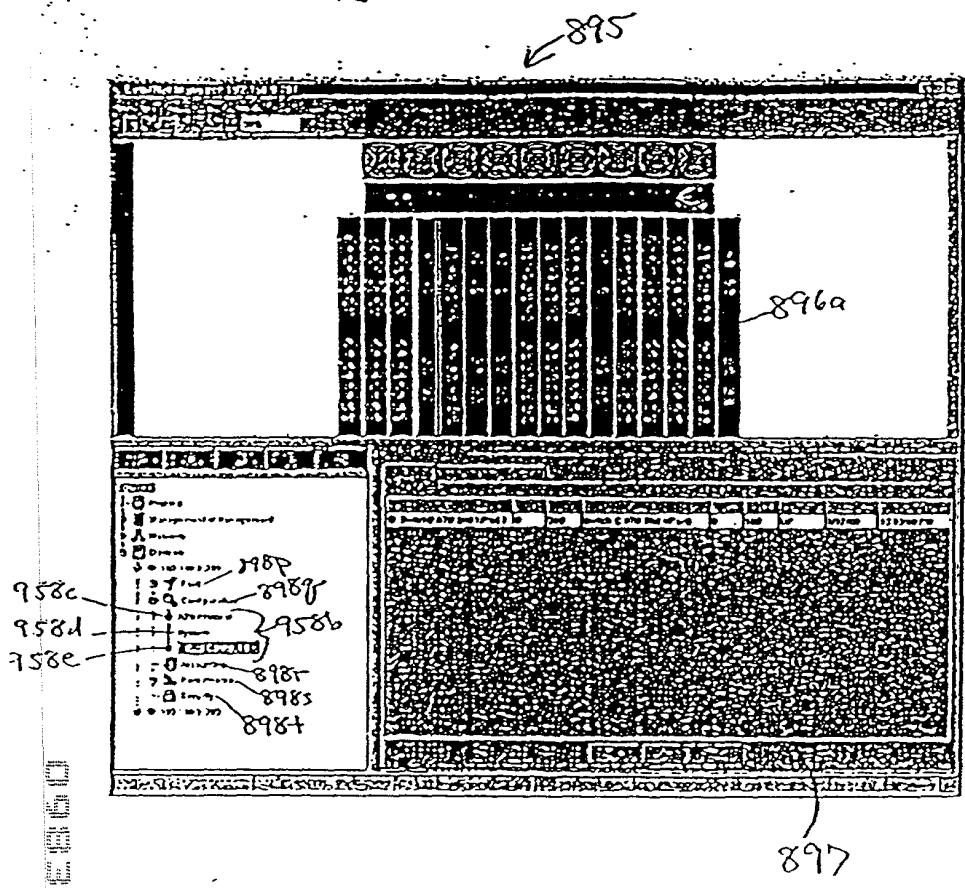


Fig. 7j



895

:58c  
:58d  
:58e

896a

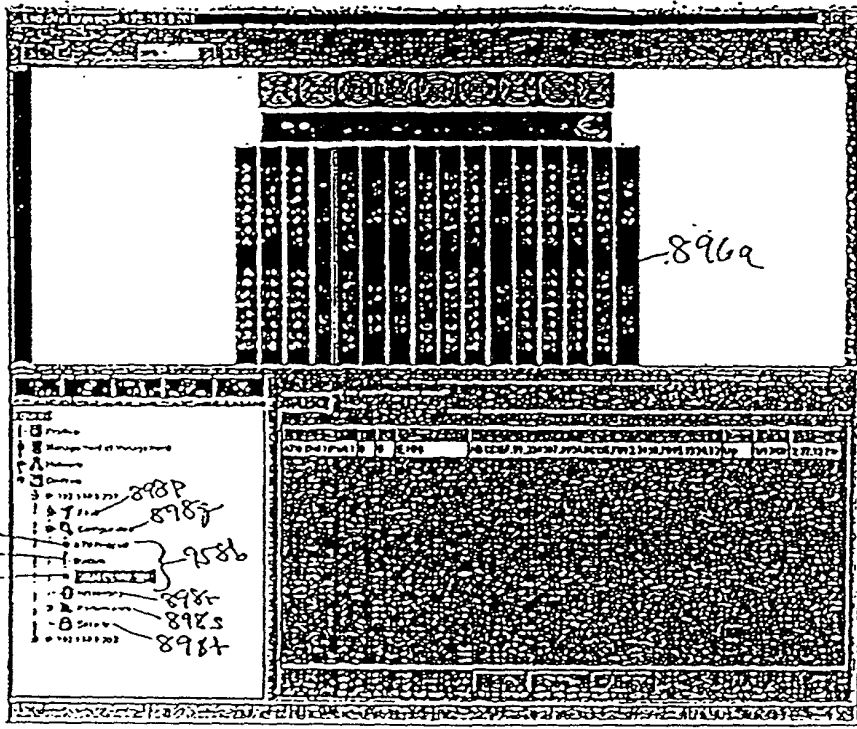


Fig. 7K

895

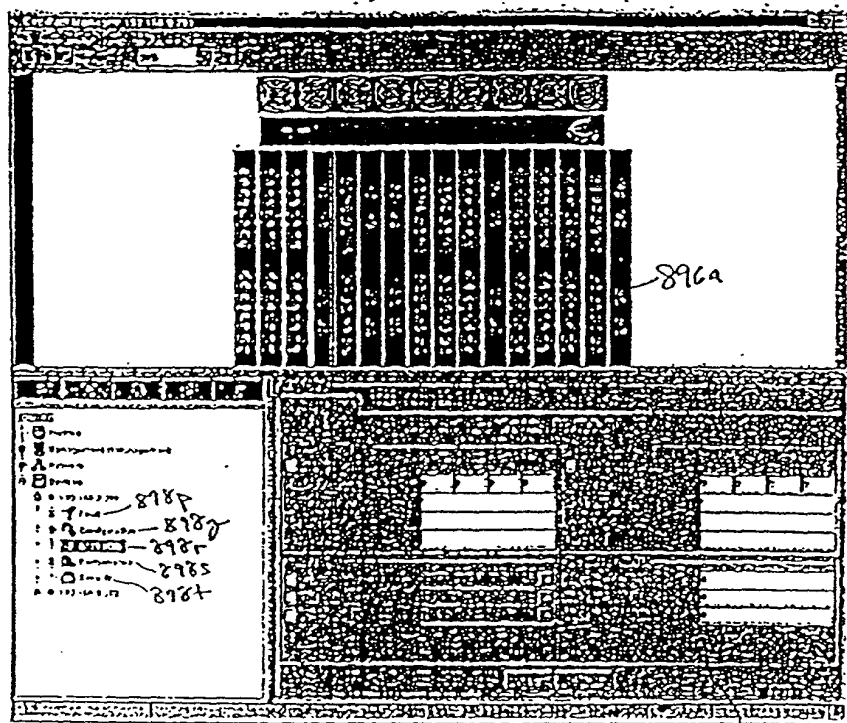


Fig. 7L

895

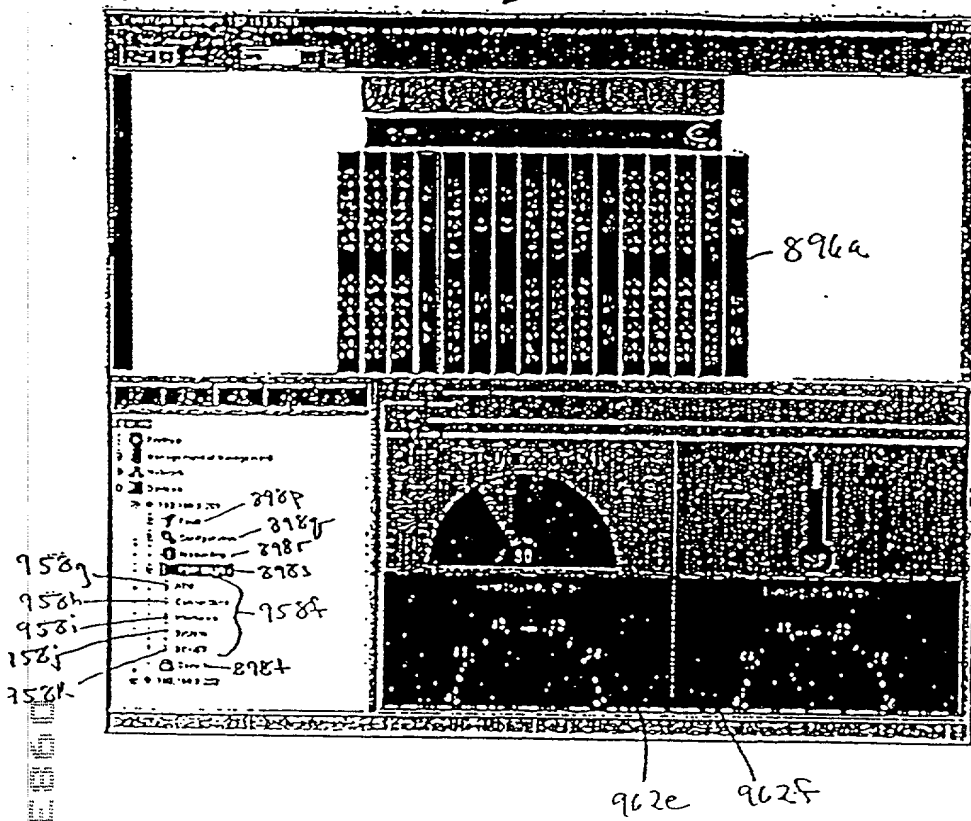


Fig. 7m



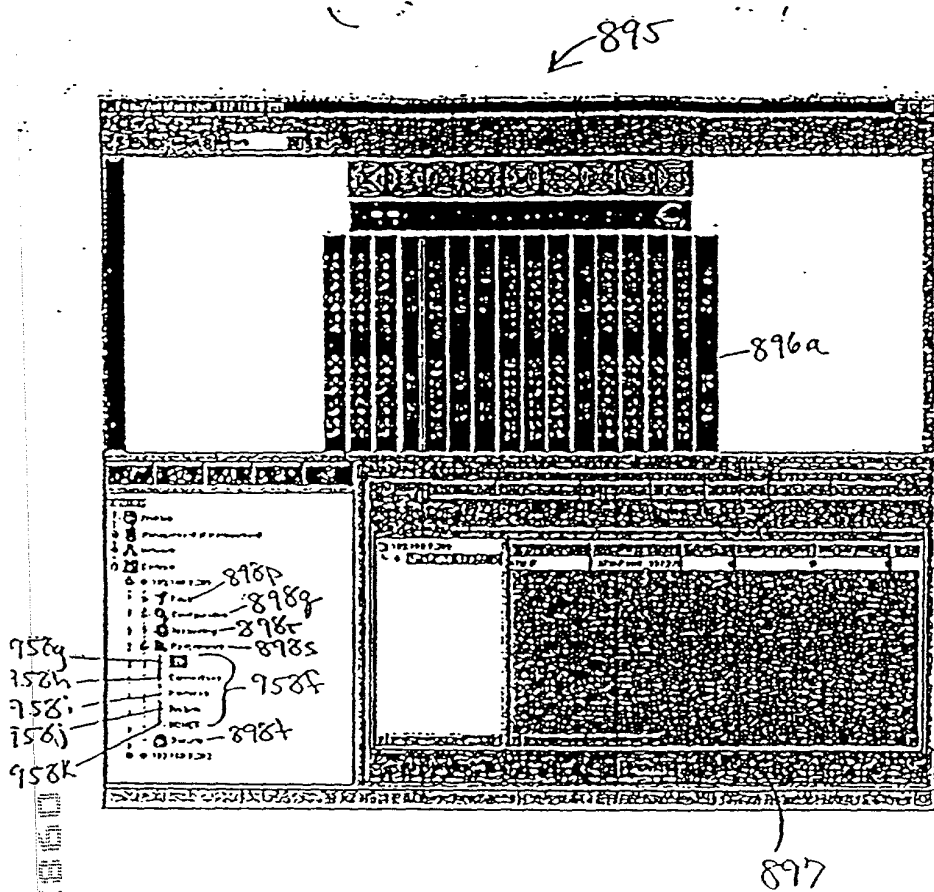
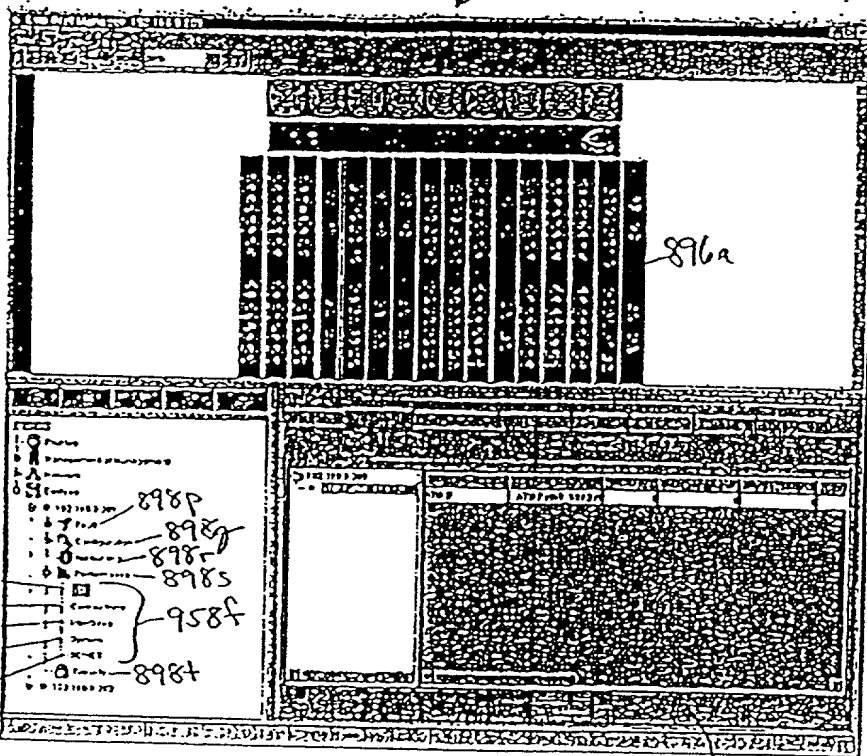


Fig. 70

895



896a

897

Fig. 7p

958g  
958h  
958i  
958j  
958k  
898p  
898g  
898r  
898s  
898t  
958f

895

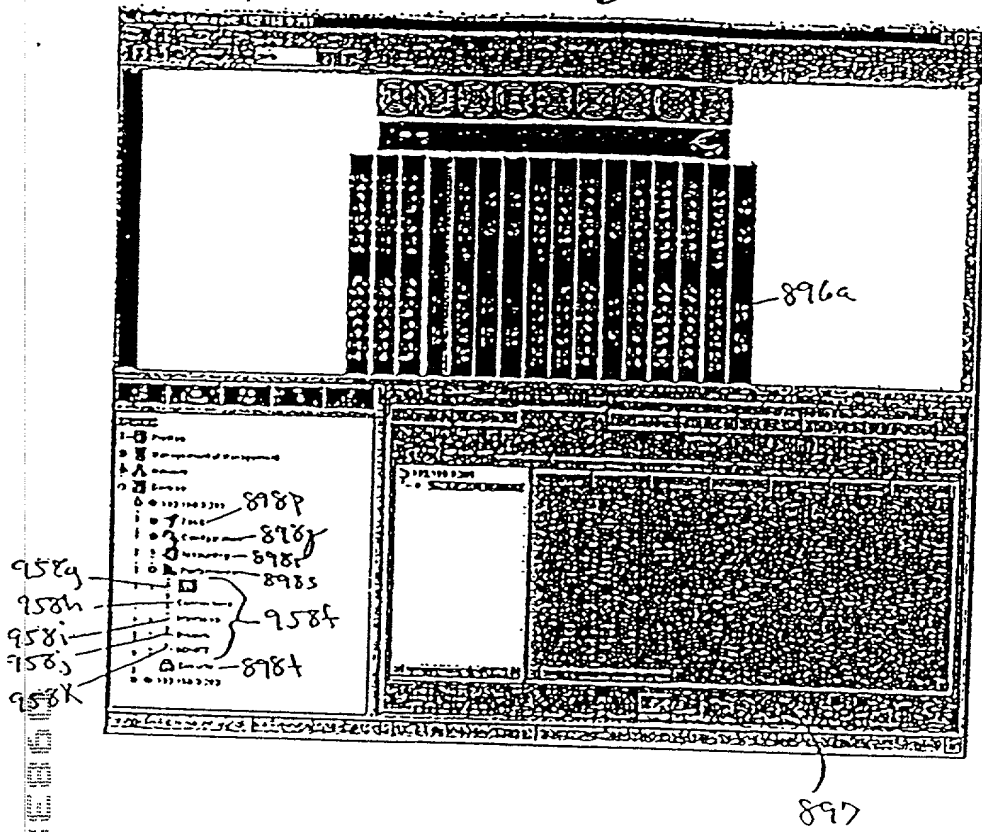
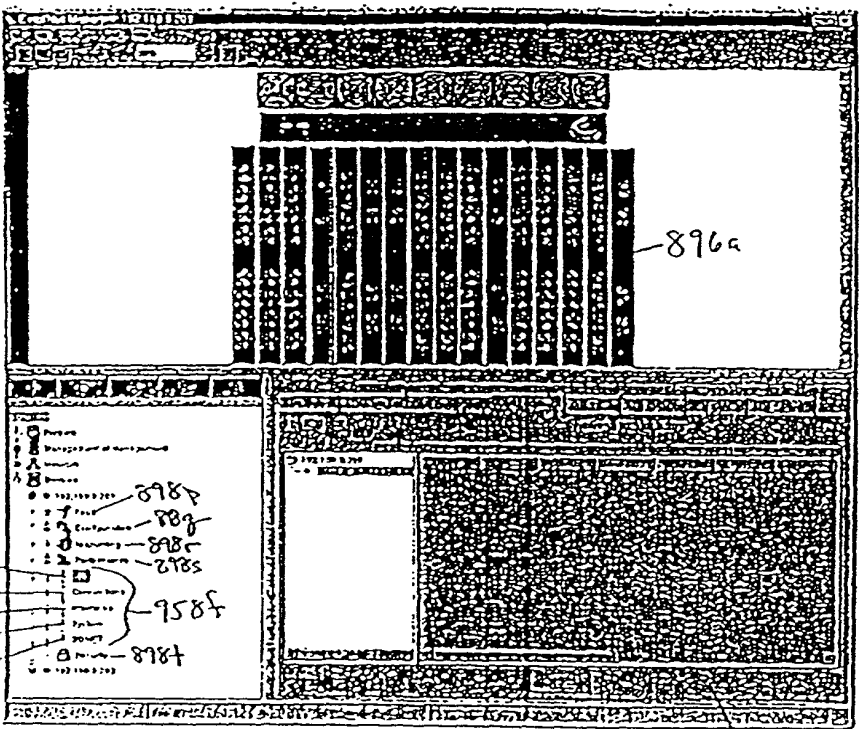


Fig. 7g

895

09838320-041501

- 758g
- 758h
- 758i
- 758j
- 758k



897

Fig. 7



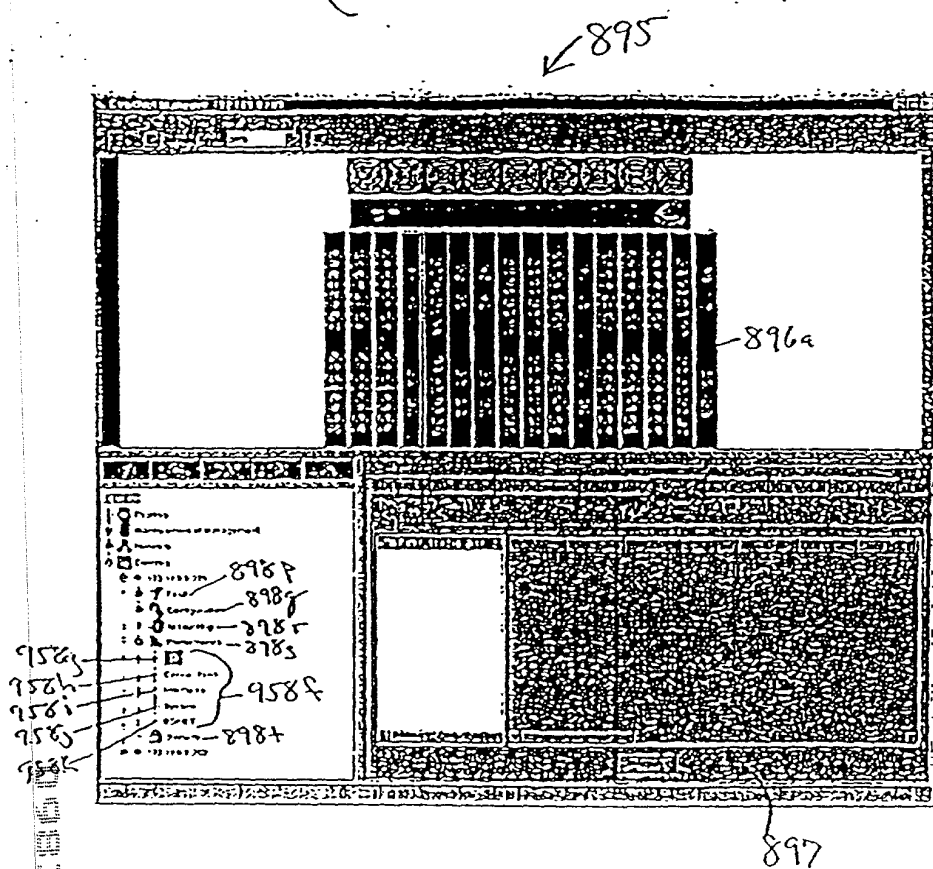


Fig. 7s

895

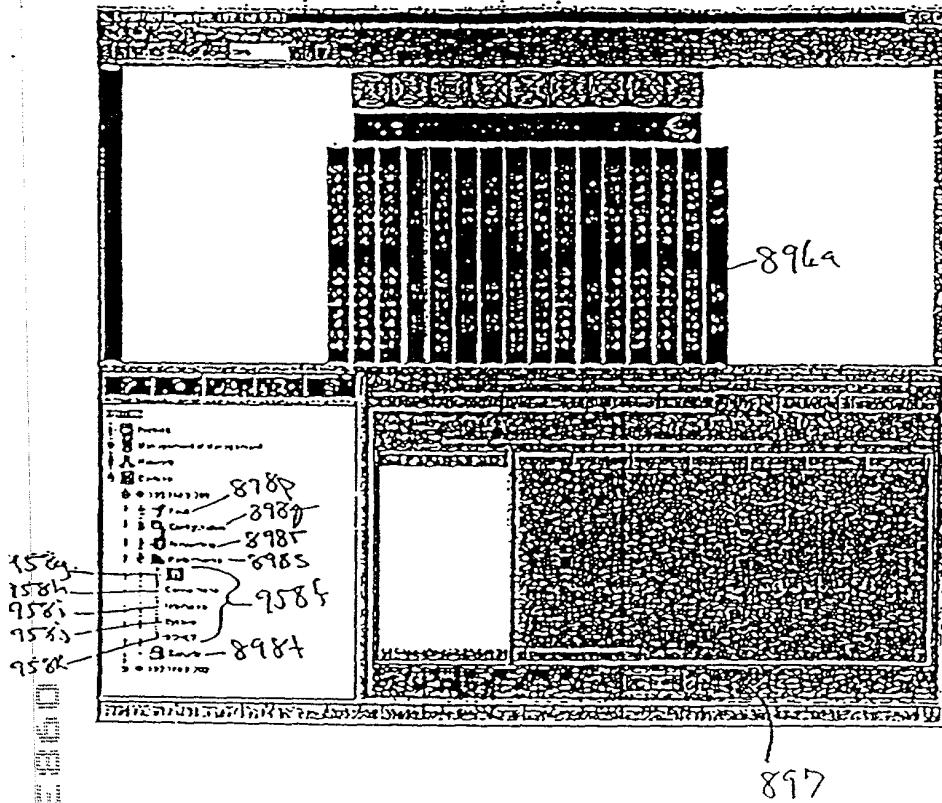


Fig. 7+

895

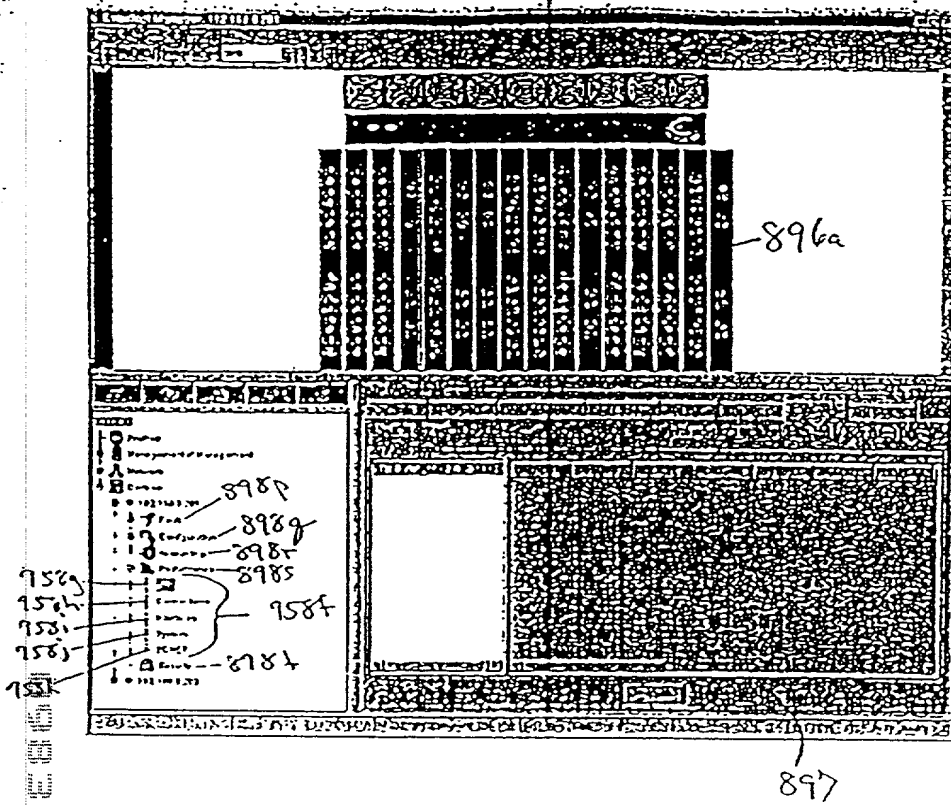
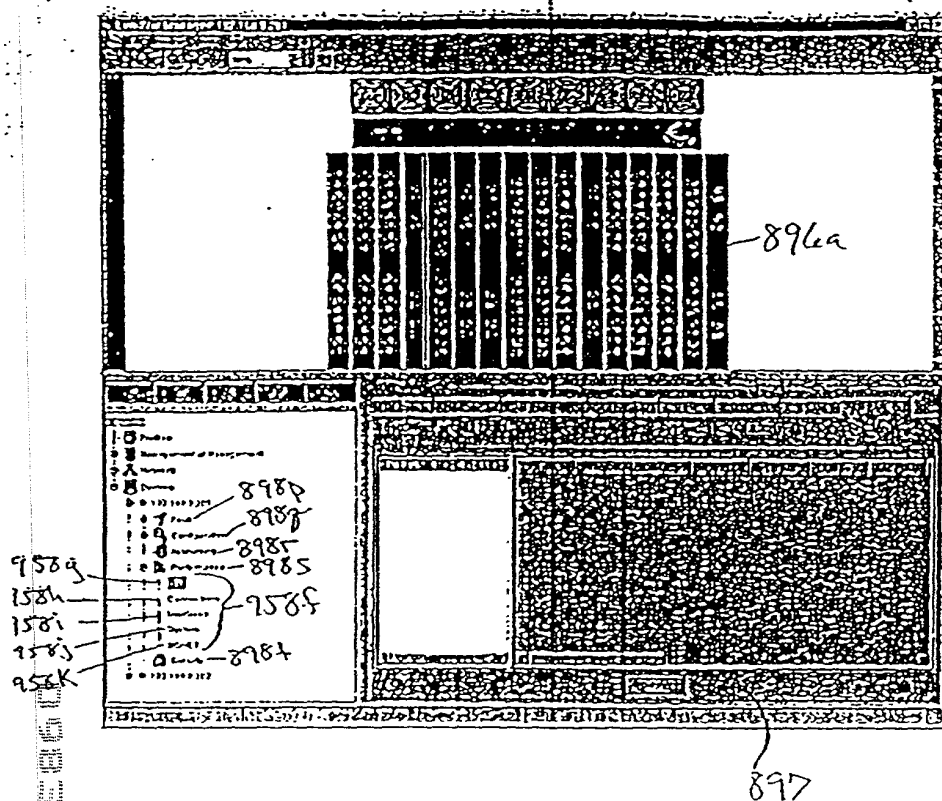


Fig. 7u

✓ 895



897

Fig. 7v

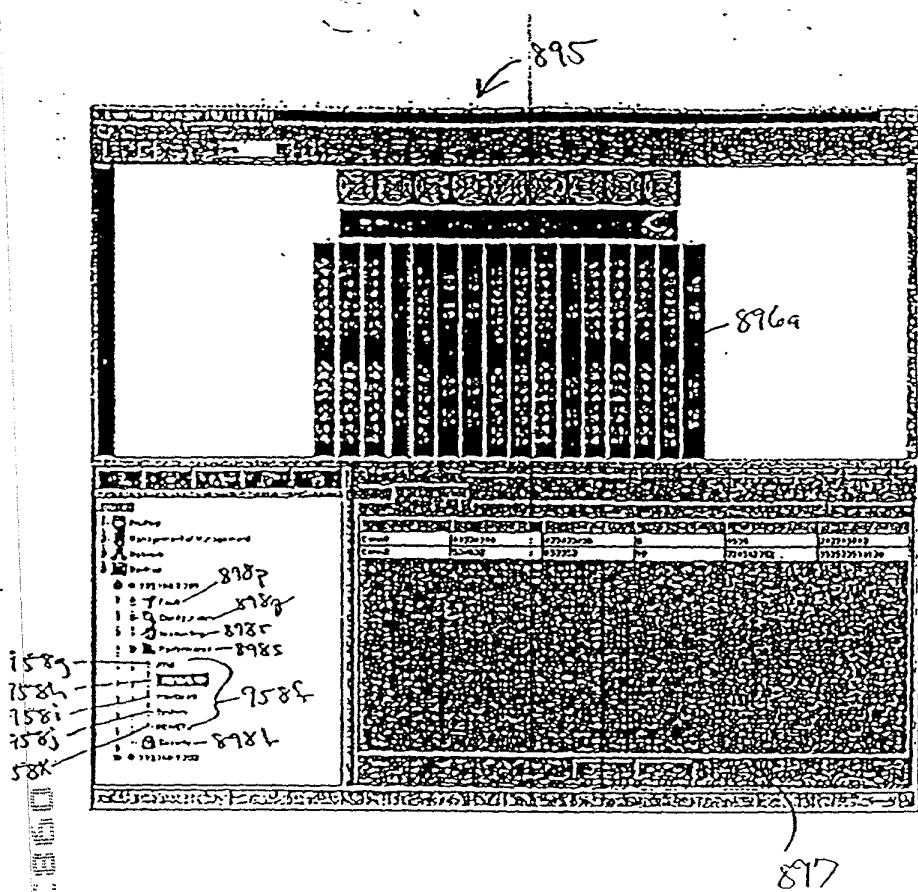


Fig. 7w

7529  
158m  
158i  
158s  
758K

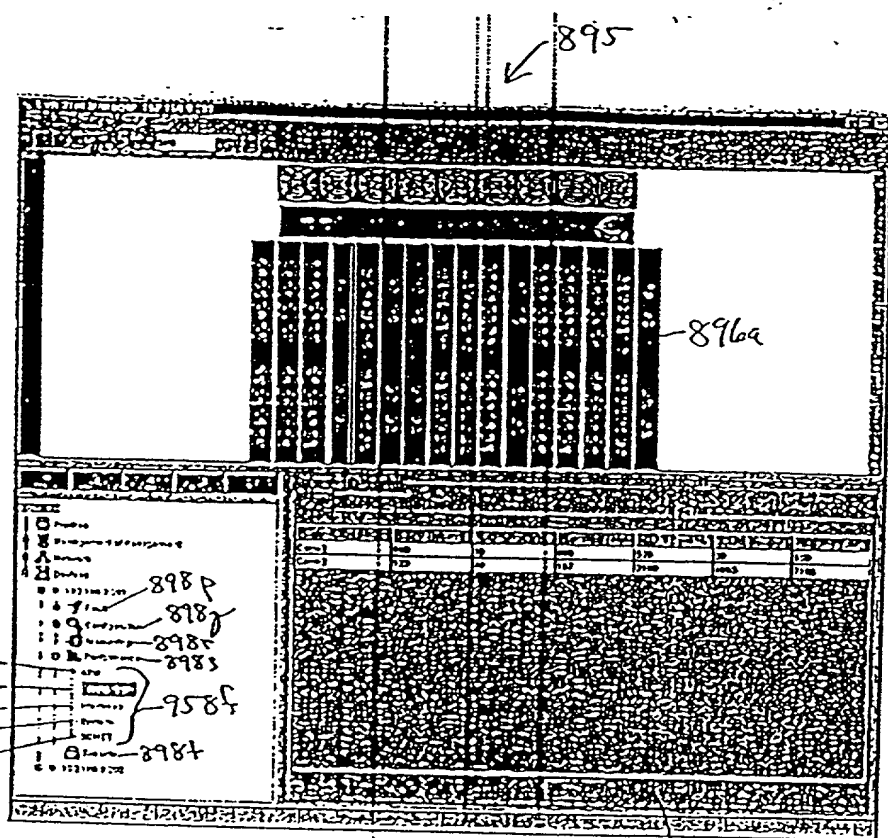
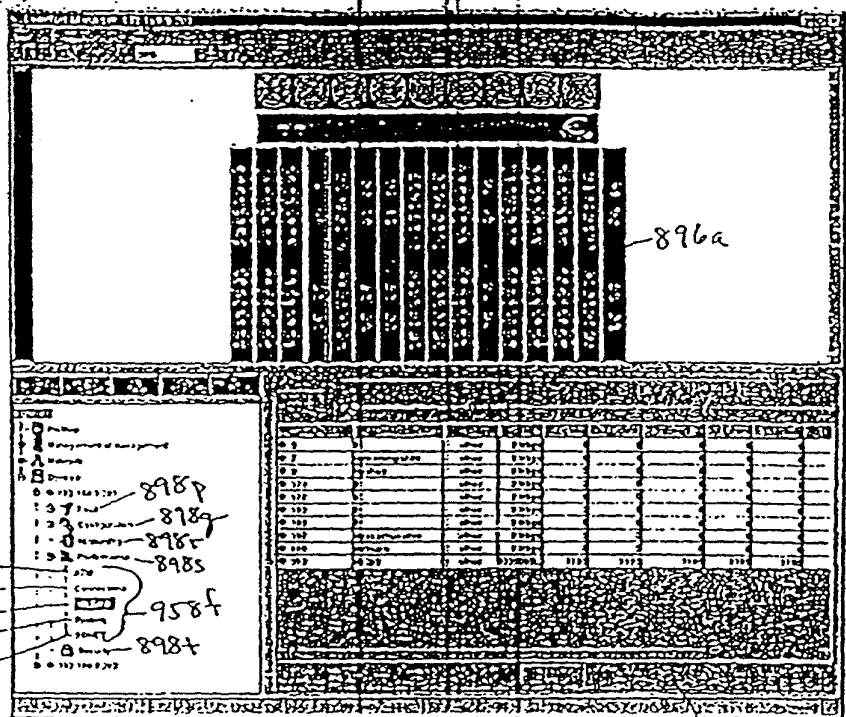


Fig. 7x

895



158a  
758h  
758i  
758j  
958k

898p  
898q  
898r  
898s  
898t  
898u  
898v  
898w  
898x  
898y  
898z

958f  
958g  
958h  
958i  
958j  
958k  
958l  
958m  
958n  
958o  
958p  
958q  
958r  
958s  
958t  
958u  
958v  
958w  
958x  
958y  
958z

897

Fig. 7y

895

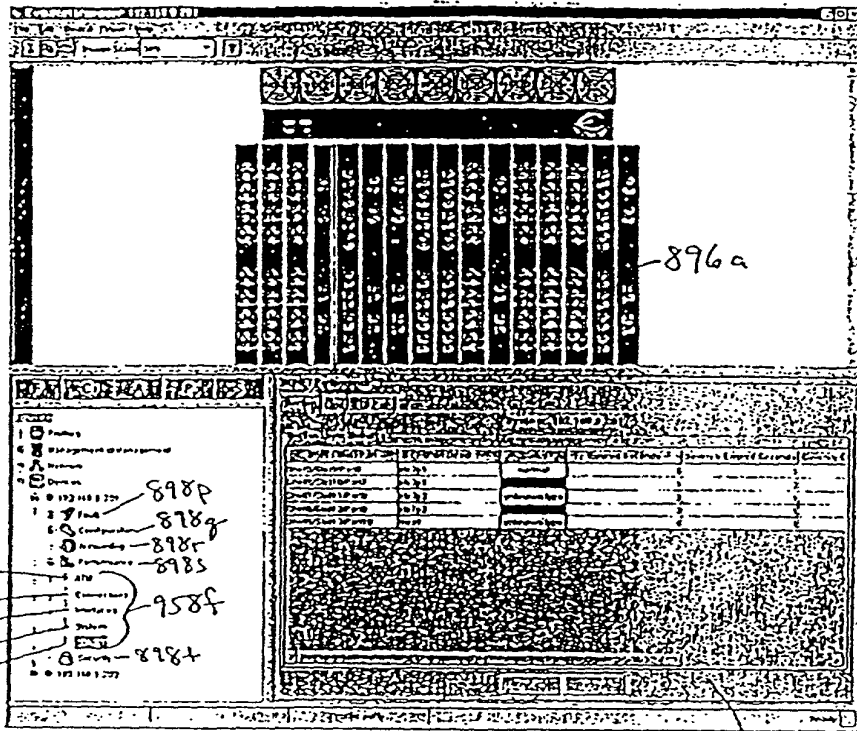
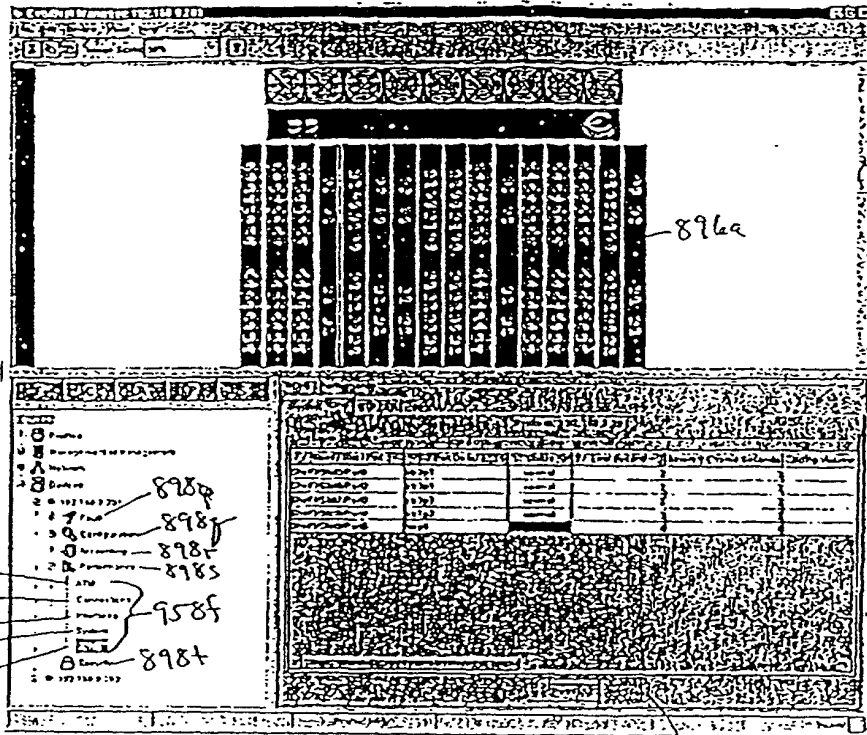


Fig. 8a



895



896a

897

Fig. 86

158g  
158h  
958i  
958j  
958k

898p

898j

898t

898s

958f

898t

895

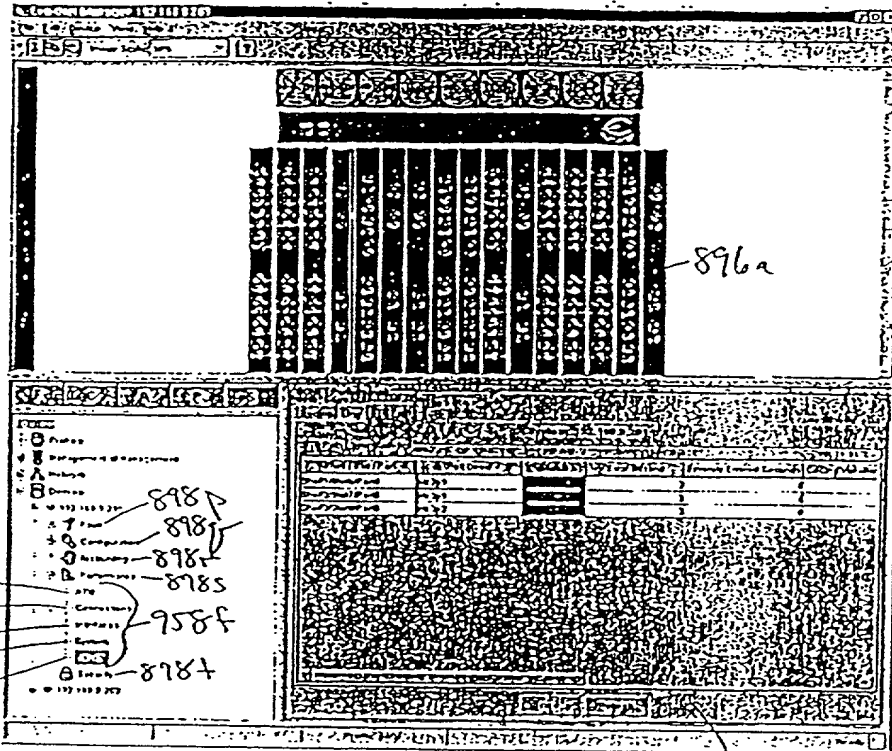
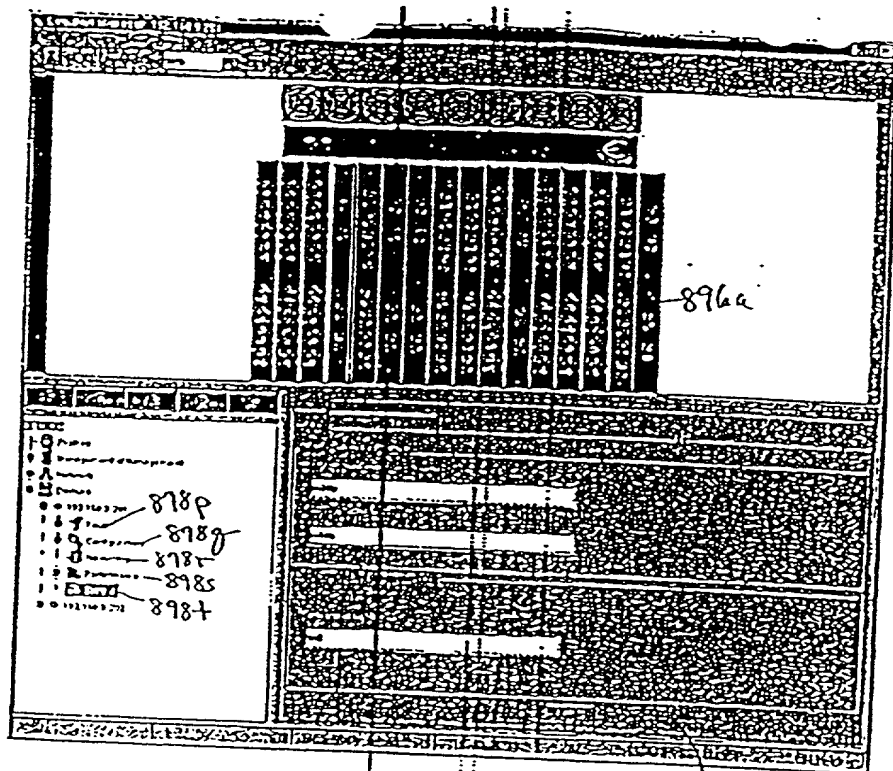


Fig. 8c

0930320 041901



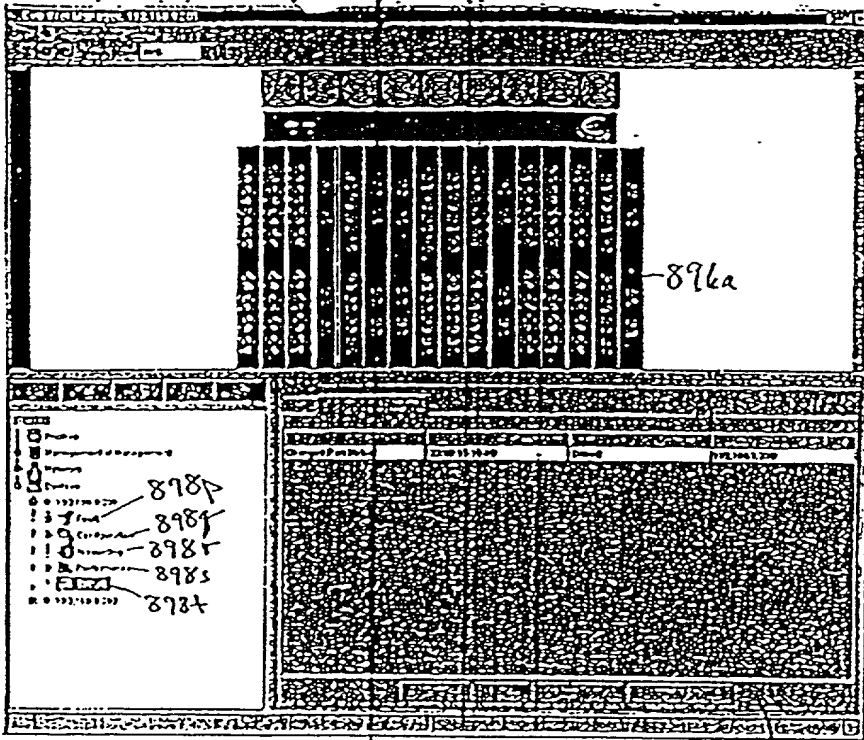


Fig. 8e

0933320.041901



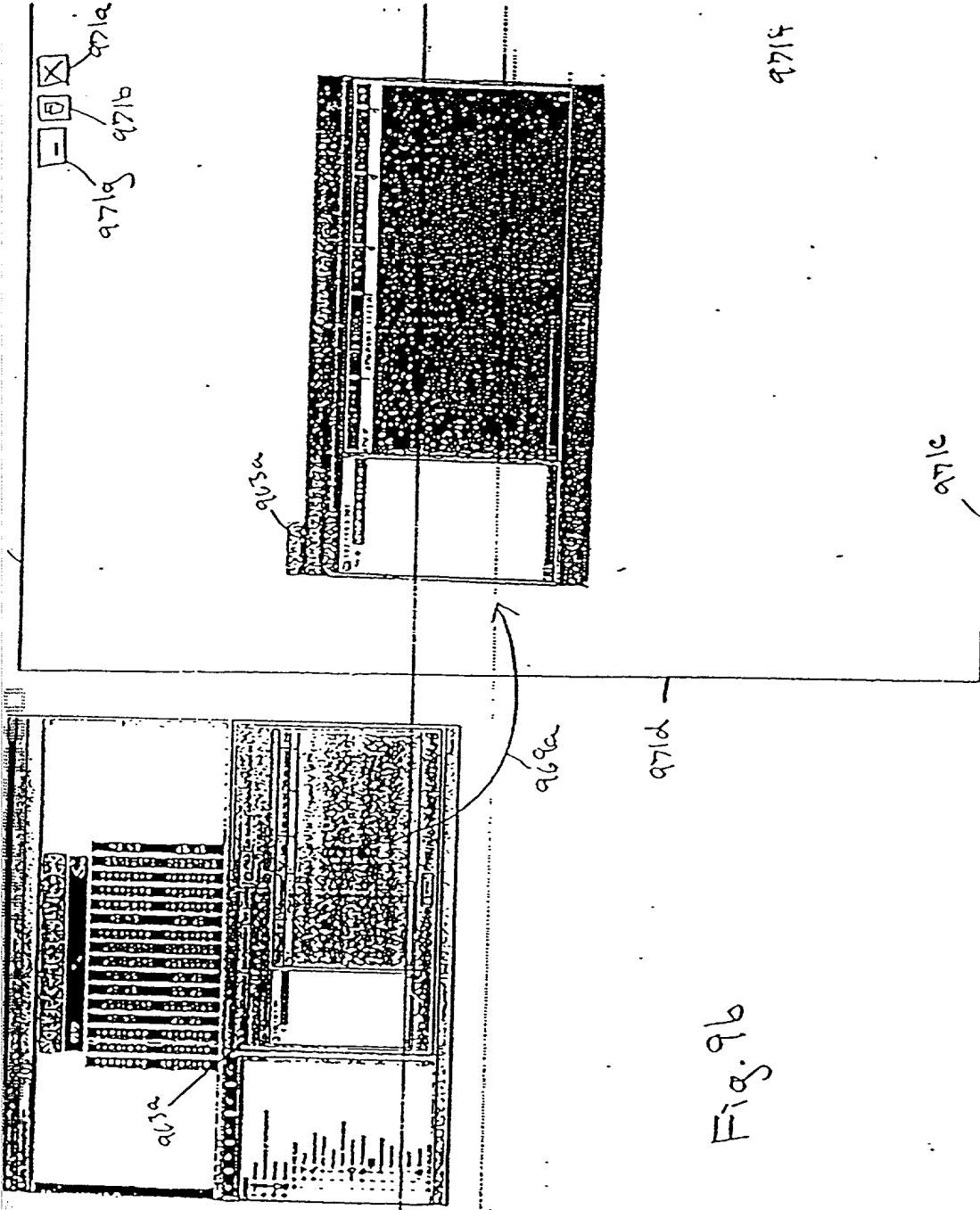


Fig. 9b

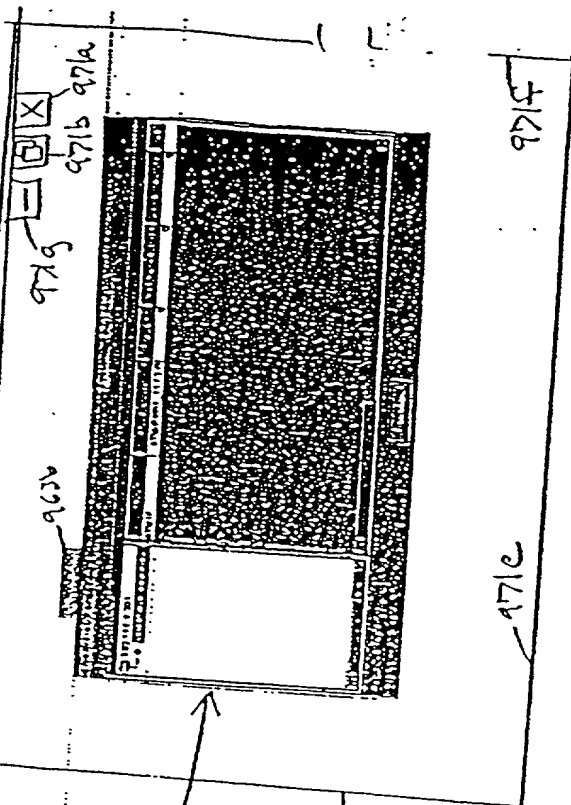
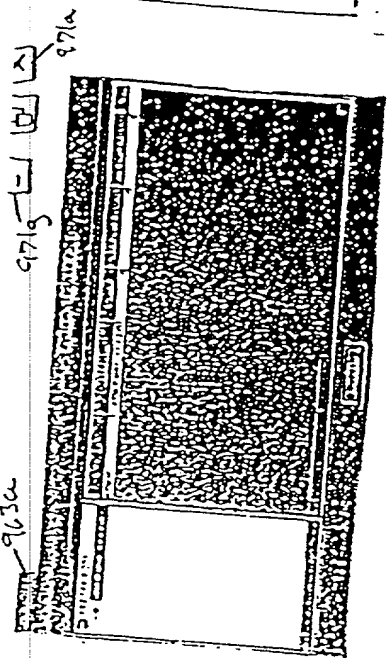
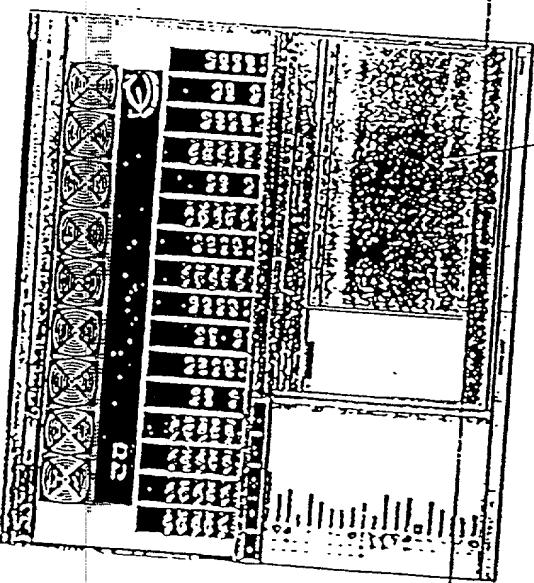


Fig. 9c

969b

971d

971c

971f

971g

971b

971a

969a

971g

969a

971a

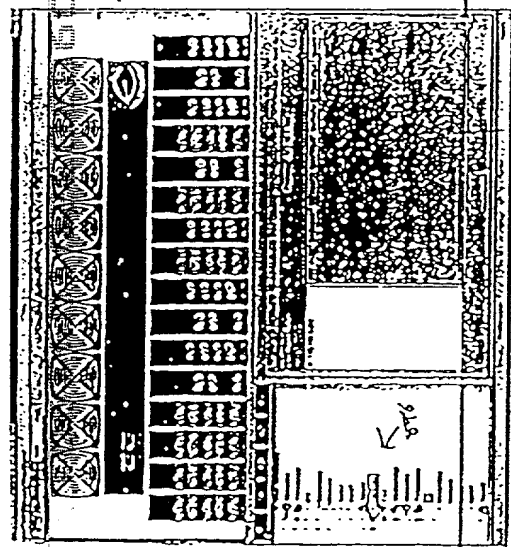
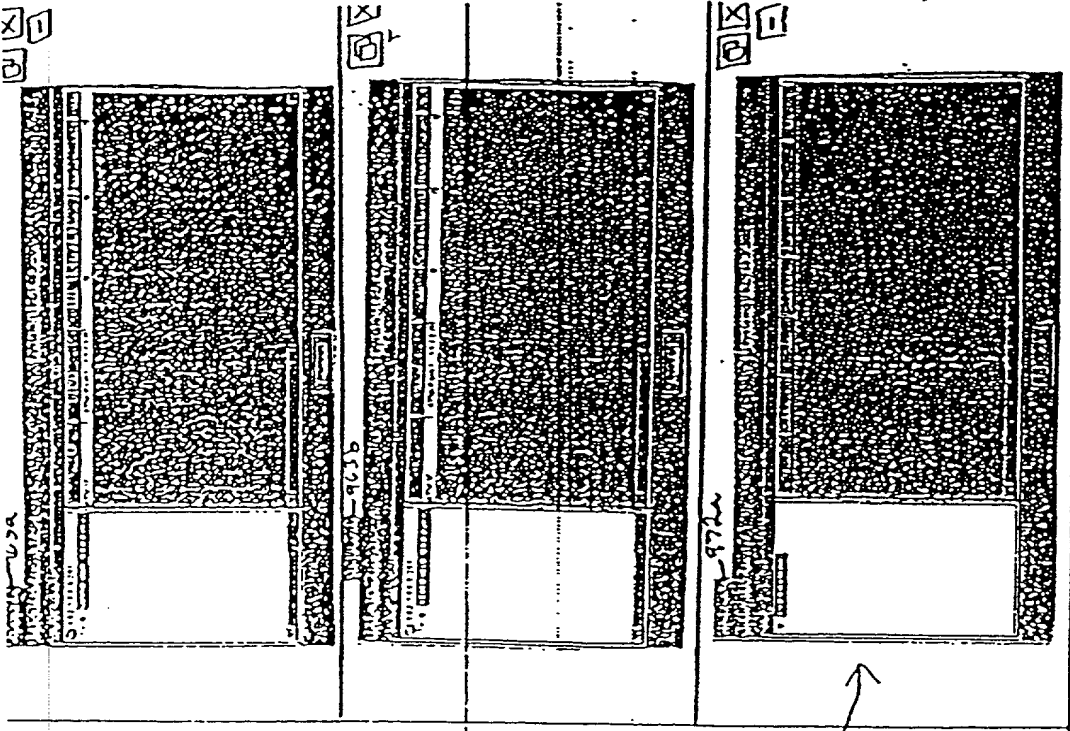


Fig. 9d



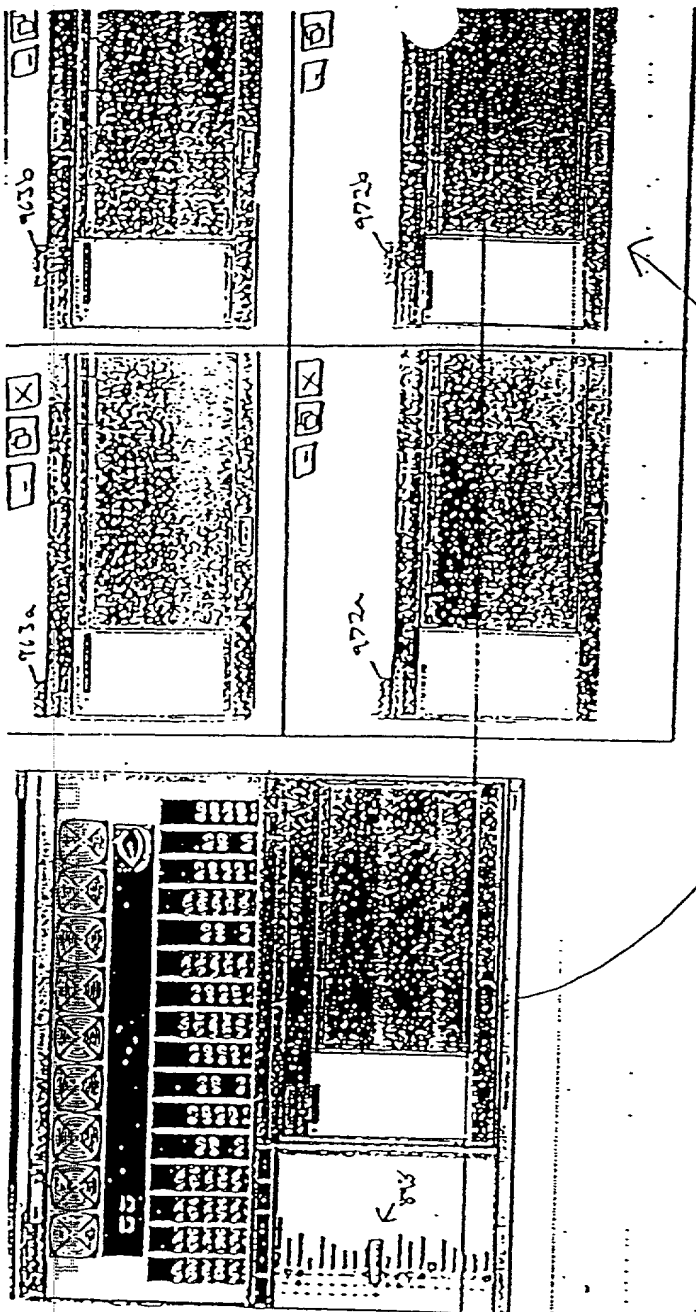
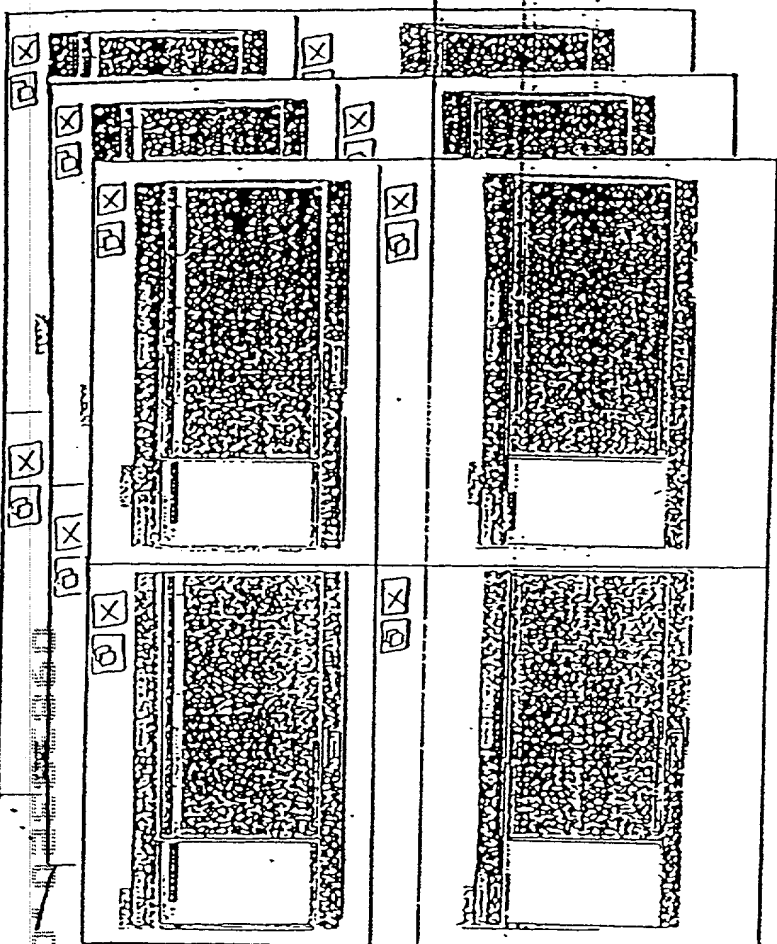


Fig. 9e.



970a

Fig. 9f

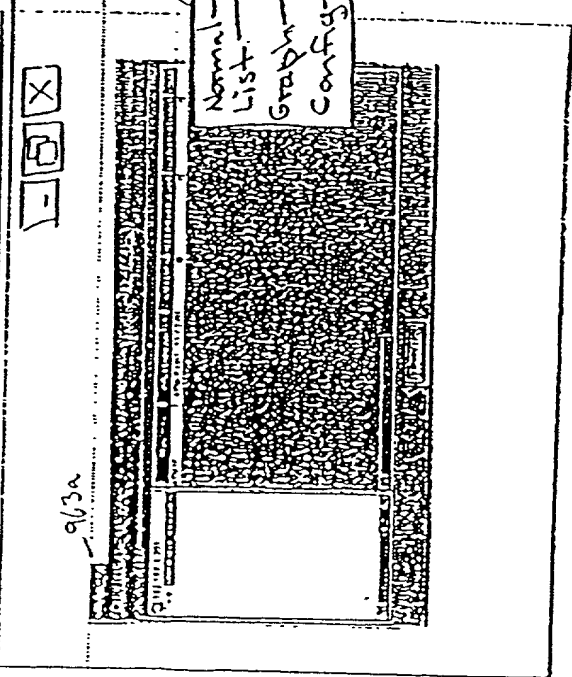
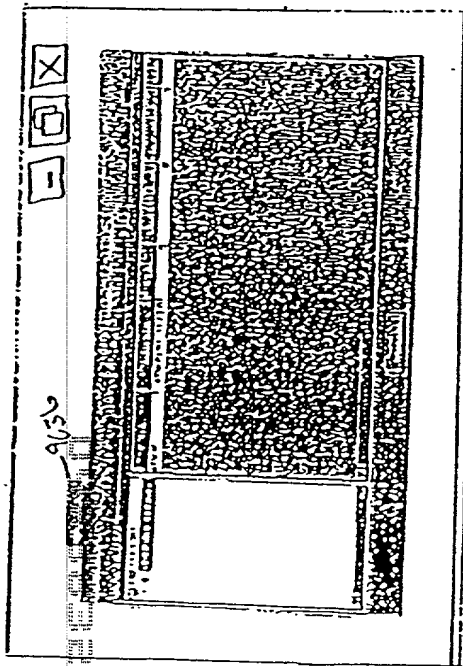
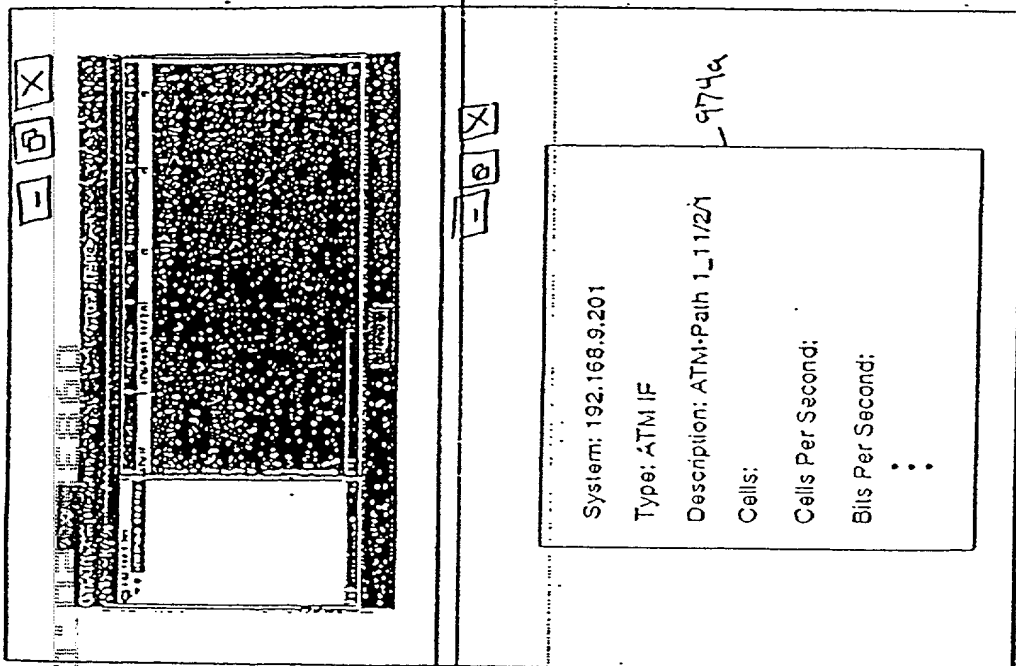


Fig. 9g



System: 192.168.9.201

Type: ATM IF

Description: ATM-Path 1\_11/24

Cells:

Cells Per Second:

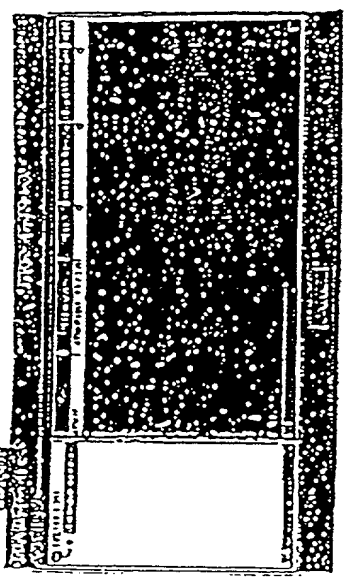
Bits Per Second:

...

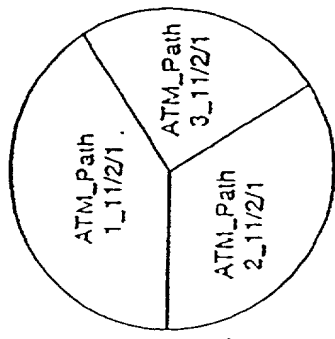
974a

Fig. 9h

TOP TO BOTTOM



Cells Per Second



←9746

Fig. 91

FIG. 9j

FIG. 9j

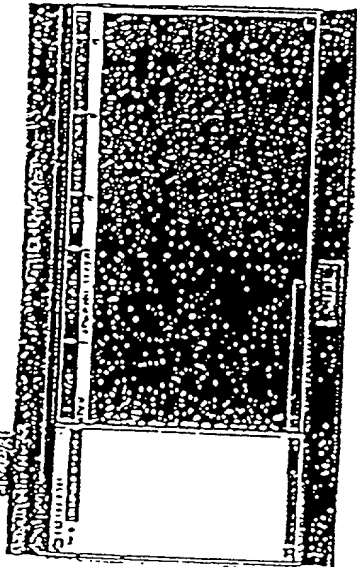
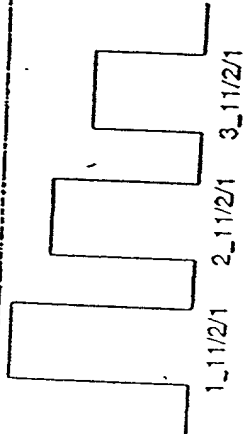


FIG. 9j



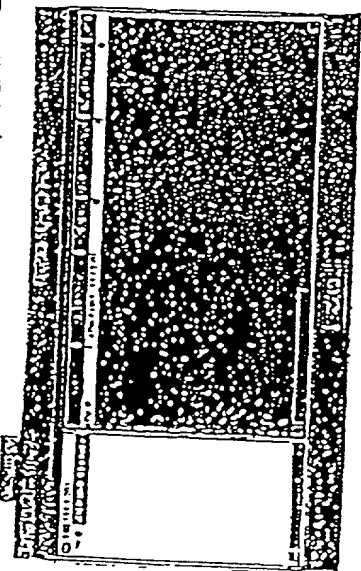
ATM\_Path  
Cells Per Second

974c

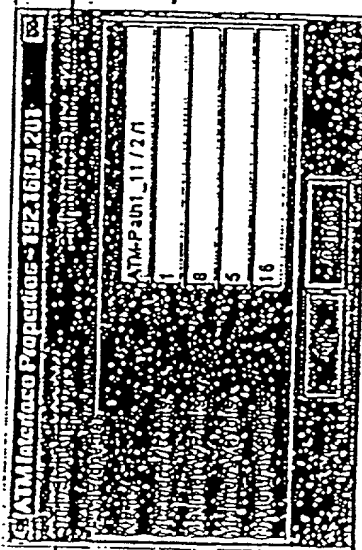
Fig. 9j

□ □ □ □

TESTED 02.03.00



□ □ □ □



9742

Fig. 9K

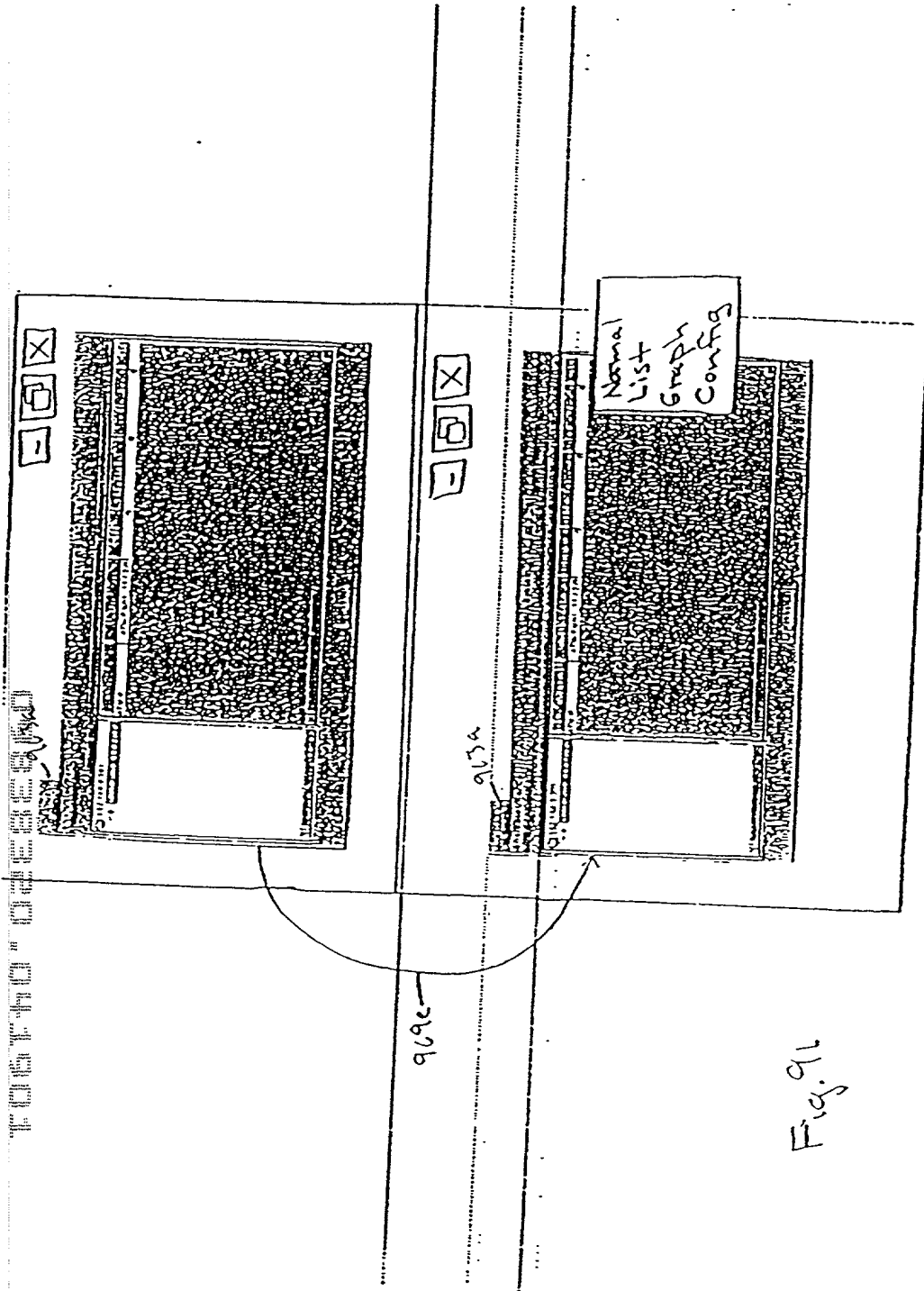
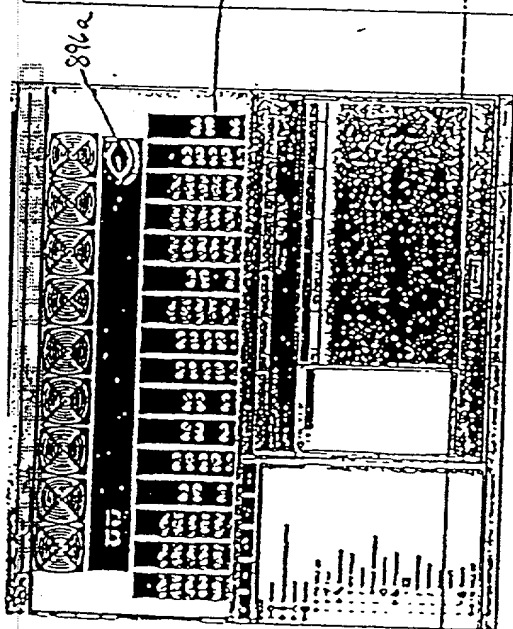


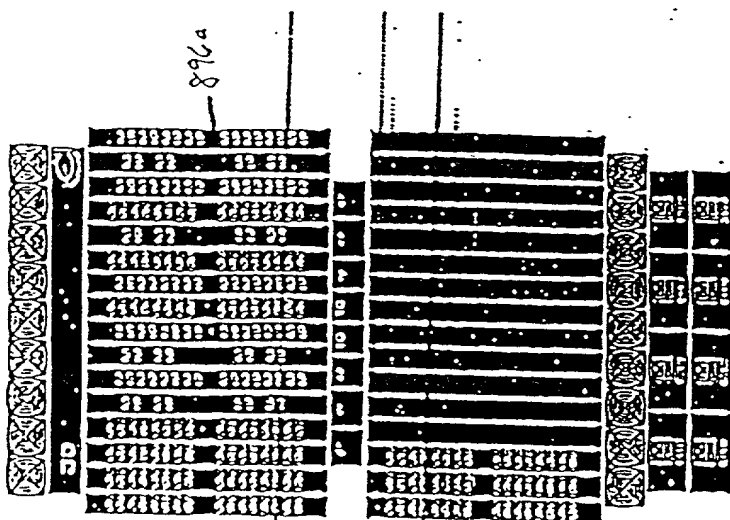
Fig. 91





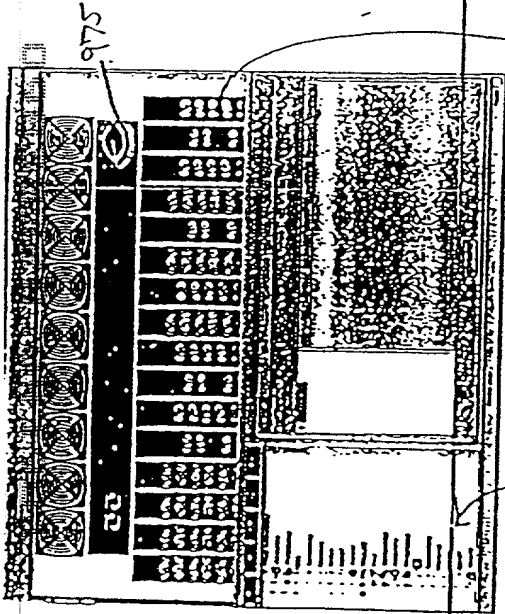
System: 192.168.9.201

896b

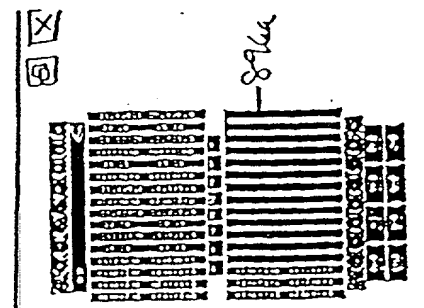


897

Fig. 9m



System:  
192.168.9.201



System:  
192.168.9.202

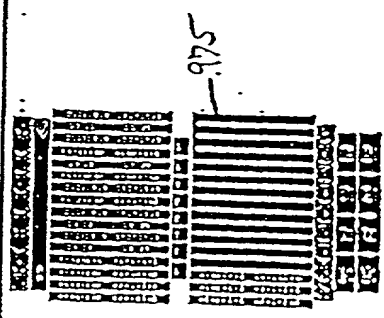


Fig. 9n.

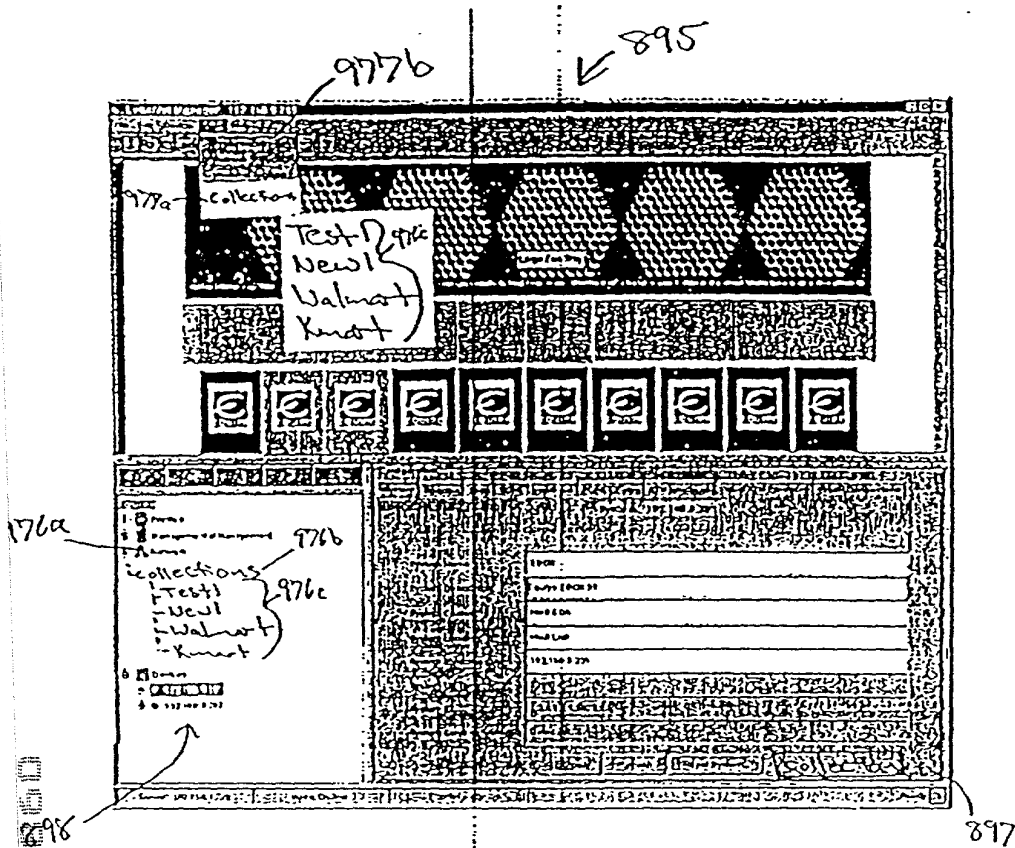


Fig. 10a

0038220-041901

958.

The image shows a document page with a high-contrast, black and white aesthetic. The top section features a large, stylized graphic with a repeating pattern of triangles and dots. Below this is a row of nine small, square icons, each containing a stylized letter 'E'. The bottom section contains a table with two columns: the left column lists various items (e.g., '100-111111', '100-111111', '100-111111') and the right column lists corresponding values (e.g., '100-111111', '100-111111', '100-111111'). The entire page is framed by a thick, irregular border.

877

Fig. 10b

[illegible]

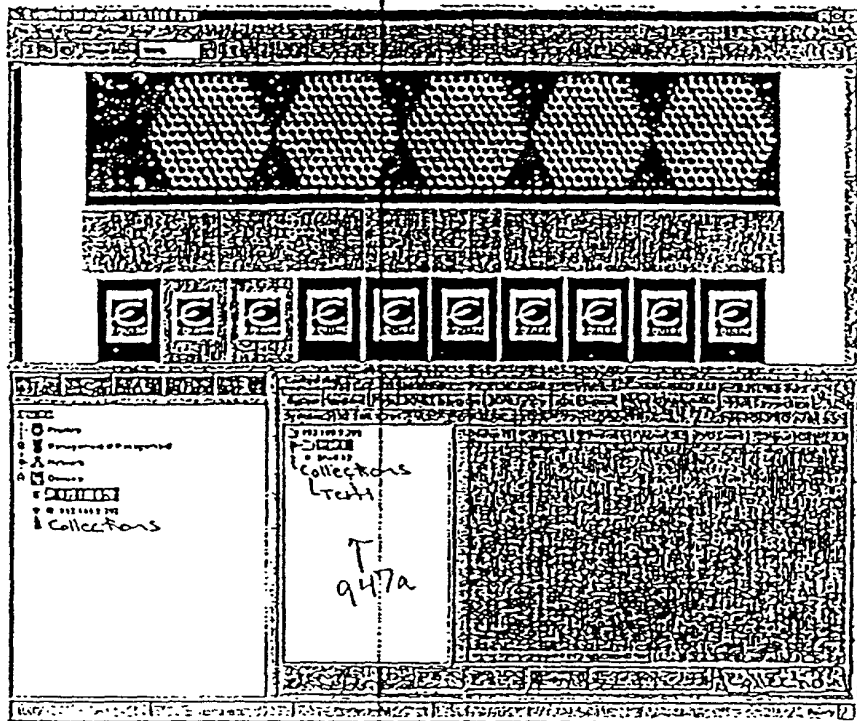
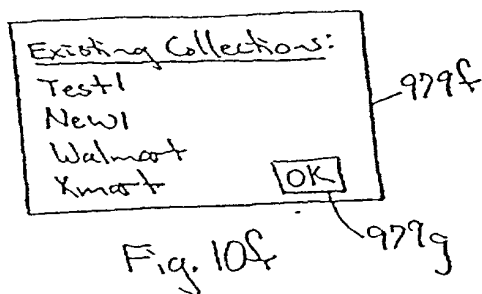
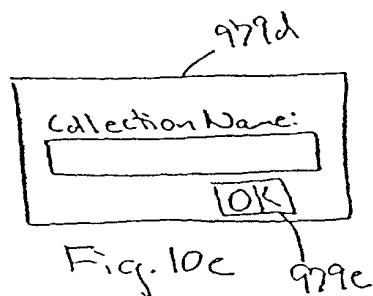
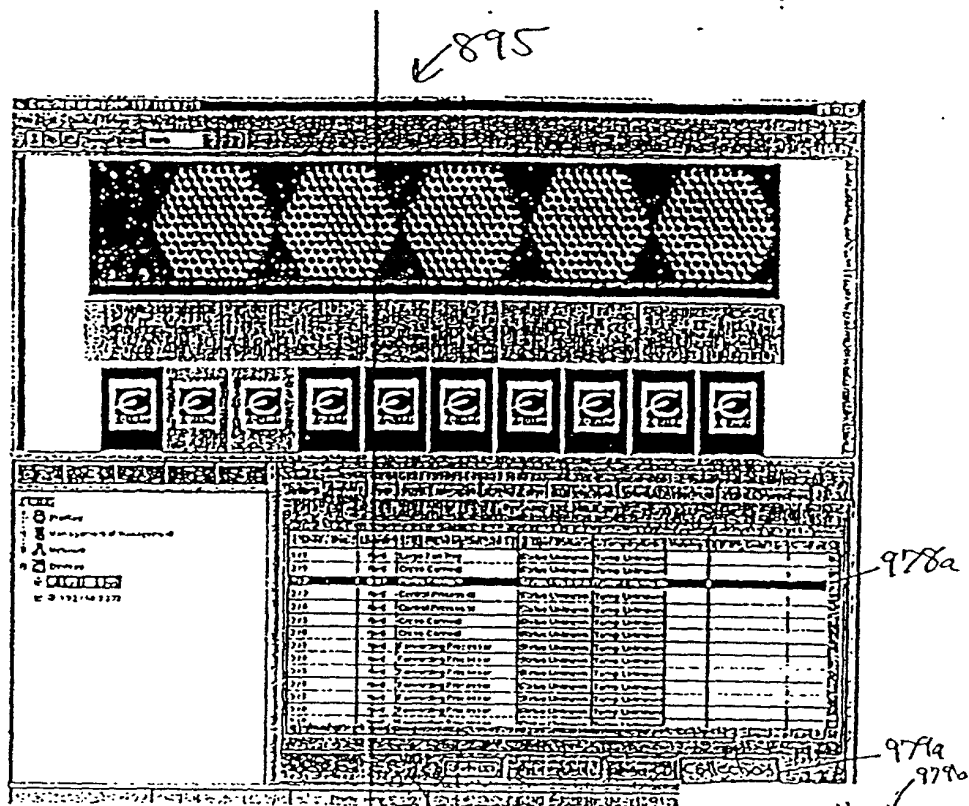


Fig. 10c

106740-02333360



895

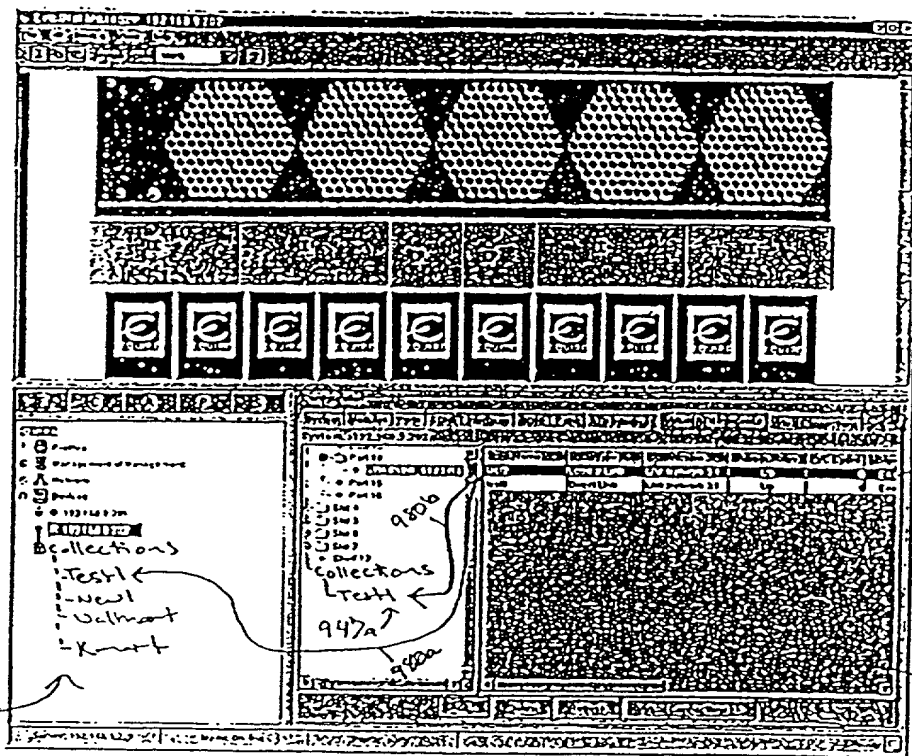


Fig. 10g

2025-04-19 10:00:00

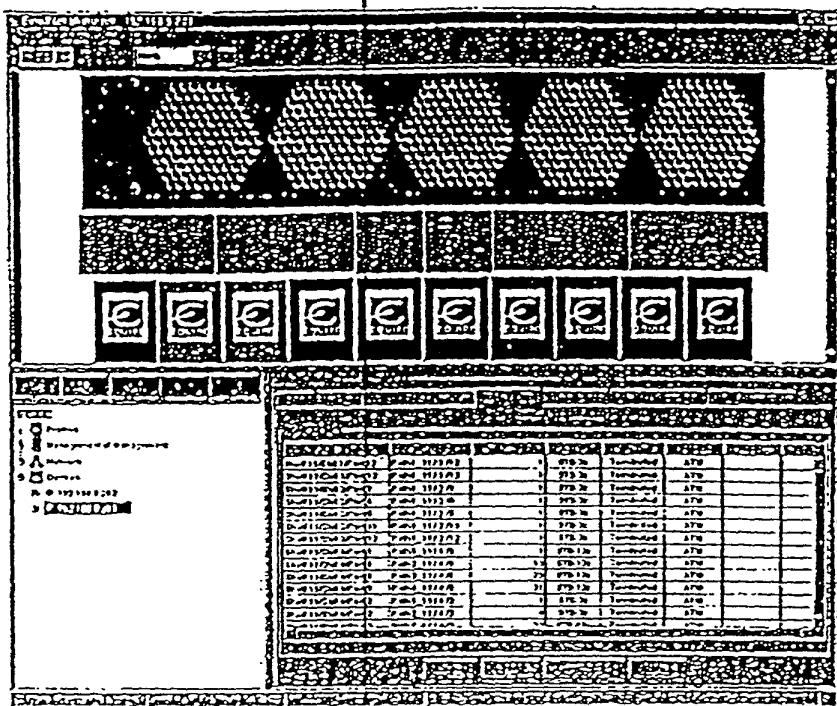


Fig. 10h



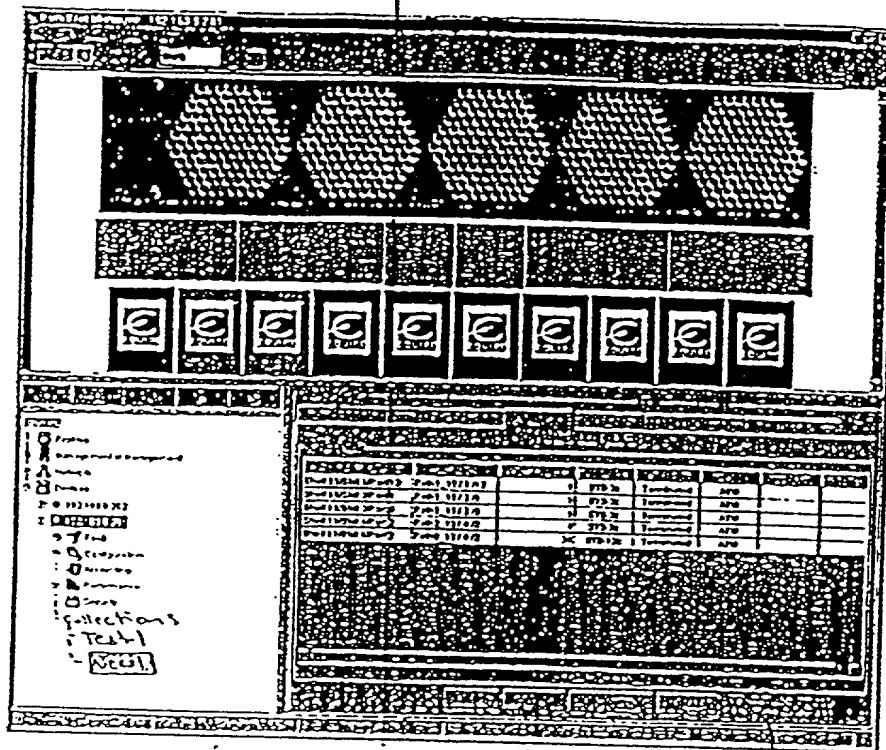


Fig. 10:

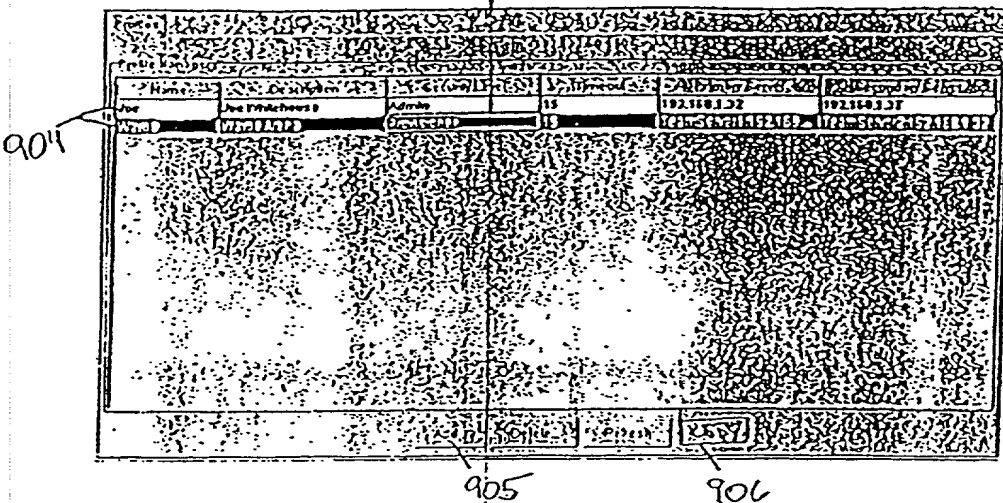


Fig. 11a

105440-00000000

907

General

Username: Kevin

Description: Kevin Snow user account

Group Name: Equipe

Group Level Access:

Password:

Confirm Password:

Policies

☒ User Cannot Change Password

☐ Account Disabled

☒ User Can Add Devices

User Session Timeout: 15 Minutes

Servers

Primary Server: 192.168.1.220

Primary Server Port: 6500

Secondary Server: 192.168.1.221

Secondary Server Port: 6503

Devices

Device	READ	WRITE	Relay	Timeout	
192.168.9.202	public	equipe	3	5	
192.168.9.205	public	equipe	3	5	
192.168.9.216	public	equipe	3	5	

Add Delete

OK Cancel

908h

908i

908j

908k

908l

908m

908n

908o

908p

908q

908r

908s

908t

908u

908v

908w

908x

908y

908z

909a

909b

909c

909d

909e

909f

909g

909h

909i

909j

909k

909l

909m

909n

909o

909p

909q

909r

909s

909t

909u

909v

909w

909x

909y

909z

910a

910b

910c

910d

910e

910f

910g

910h

910i

910j

910k

910l

910m

910n

910o

910p

910q

910r

910s

910t

910u

910v

910w

910x

910y

910z

Fig. 11b

Fig. 11c

General Policies Servers **Devices**

Primary Server: 192.168.1.220

Primary Server Port: 6500

Secondary Server: 192.168.1.205

Secondary Server Port: 6503

OK Cancel

9084

General Policies Servers **Devices**

Device	READ	READWRITE	Retry	Timeout	Trap Port
192.168.9.202	public	equipe	3	5	162
192.168.9.205	public	equipe	3	5	162
192.168.9.216	public	equipe	3	5	5012

OK Cancel

9084

Fig. 11d

Fig. 11e

General Policies Servers Devices

Username: Kevin

Description: Kevin Snow user account

Customer Name: Equipe

Group Level Access: [dropdown]

Password: [text box]

Confirm Password: [text box]

OK Cancel

General Policies Servers Devices

☐ User Cannot Change Password

☐ Account Disabled

☒ User Can Add Devices

User Session Timeout: 15 Minutes

OK Cancel

Fig. 11f

FOR "0258350"

09838300-041901

0a  
0b  
0c  
0d

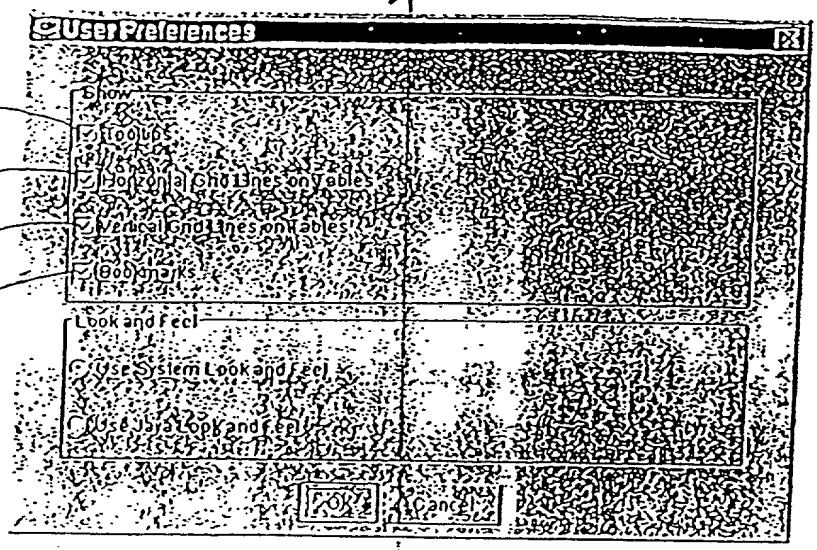


Fig. 11g

907

General

Username: Kevin

Description: Kevin Snow user account

Group Name: Equipe

Group Level Access:

Password: \*\*\*\*\*

Confirm Password: \*\*\*\*\*

908a

908e

908f

908d

908b

908c

Policies

☒ User Cannot Change Password

☐ Account Disabled

☒ User Can Add Devices

108h

108i

108j

User Session Timeout: 15 Minutes

908k

Servers

Primary Server: 192.168.1.220

Primary Server Port: 6500

Secondary Server: 192.168.1.221

Secondary Server Port: 6503

908l

908n

908m

908o

Devices

Device	READ	READ/WRITE	Relay	Timeout		Add	Delete
192.160.9.202 public		equipe	3	5			
Group List							
Walnut-East							
Walnut-West							
Kmart 1							
Scars-northeast							

908p

908q

908r

908s

1000a

1000

Fig. 11h

Fig. 11i

1002

1002a



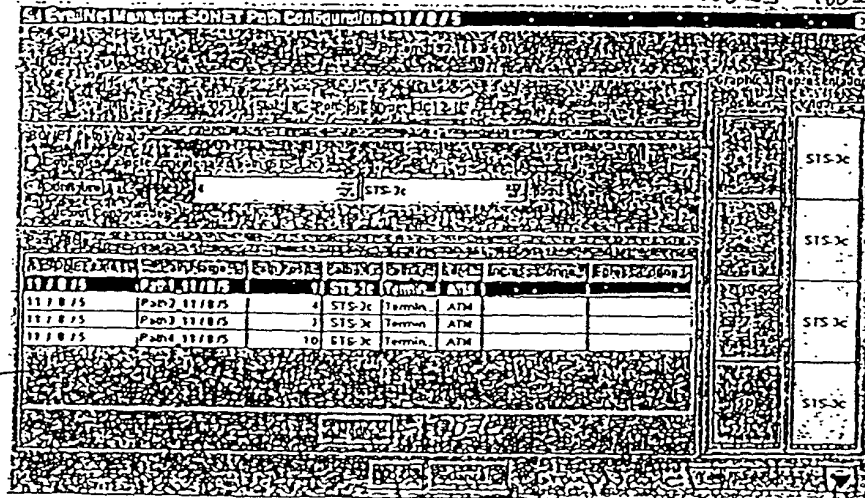
1002d

1002b

1002c

1002

1002a



1002d

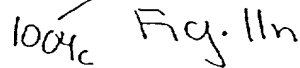
1002b

1002c

Fig. 11j



1002



1004a

[illegible]

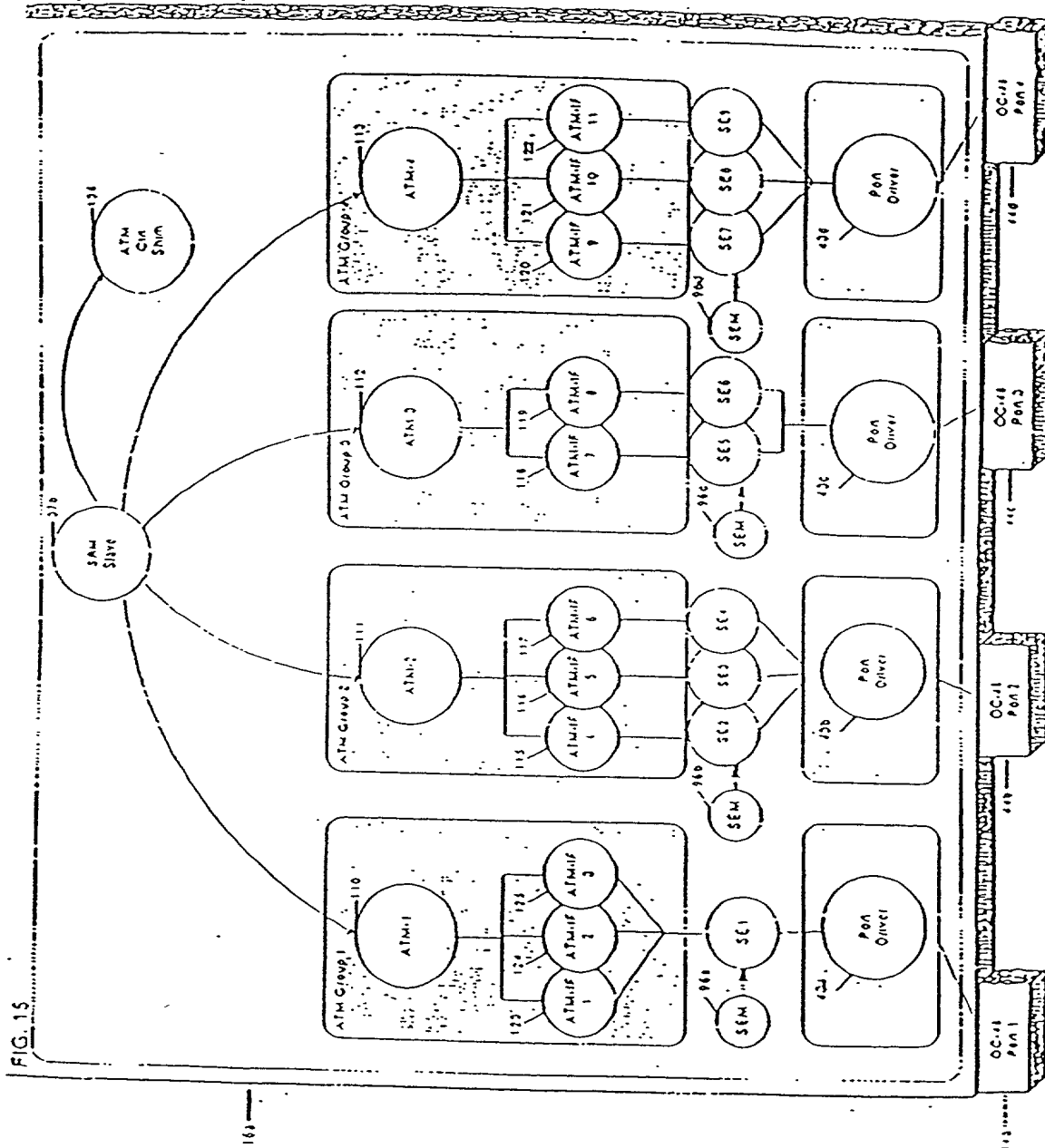


FIG. 16a

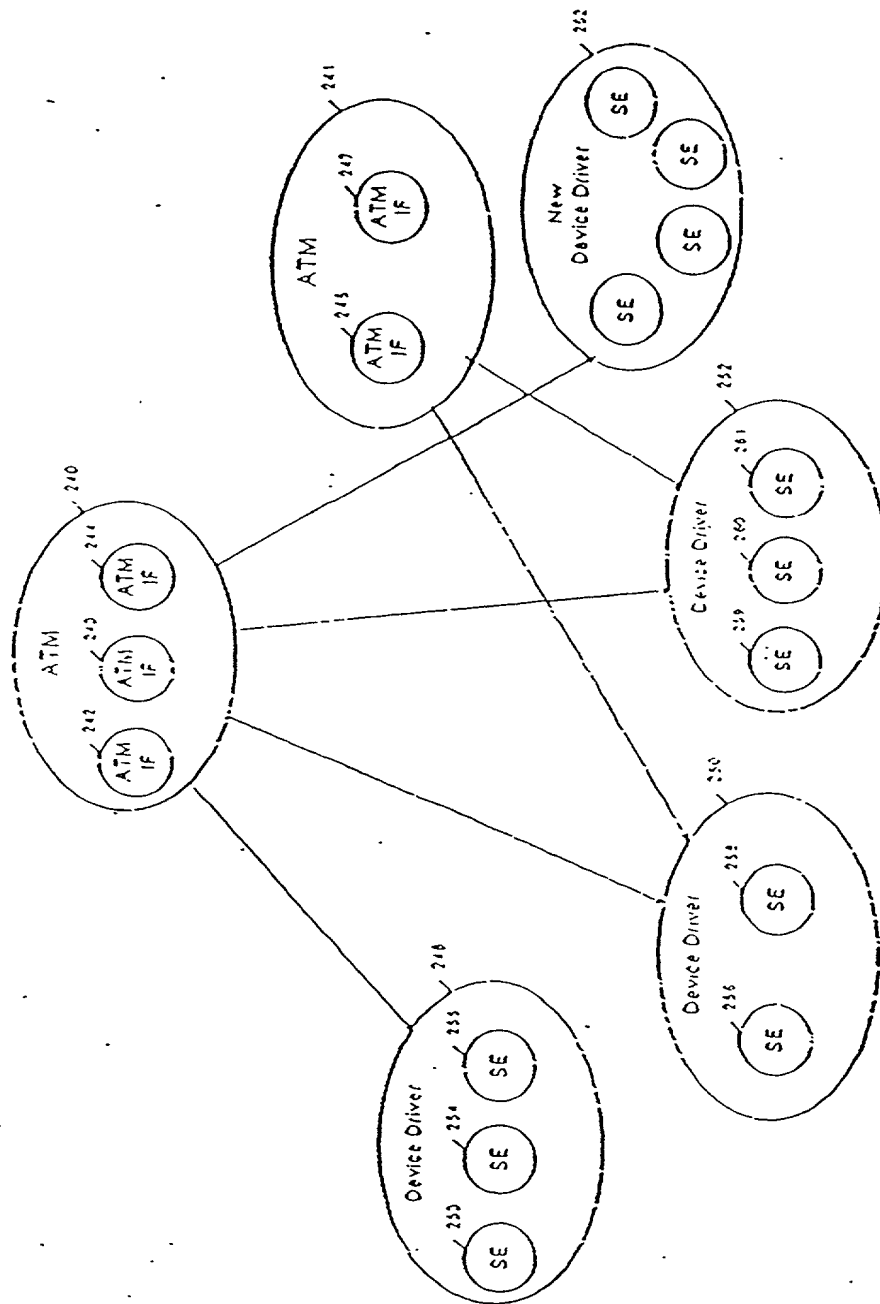


FIG. 16b

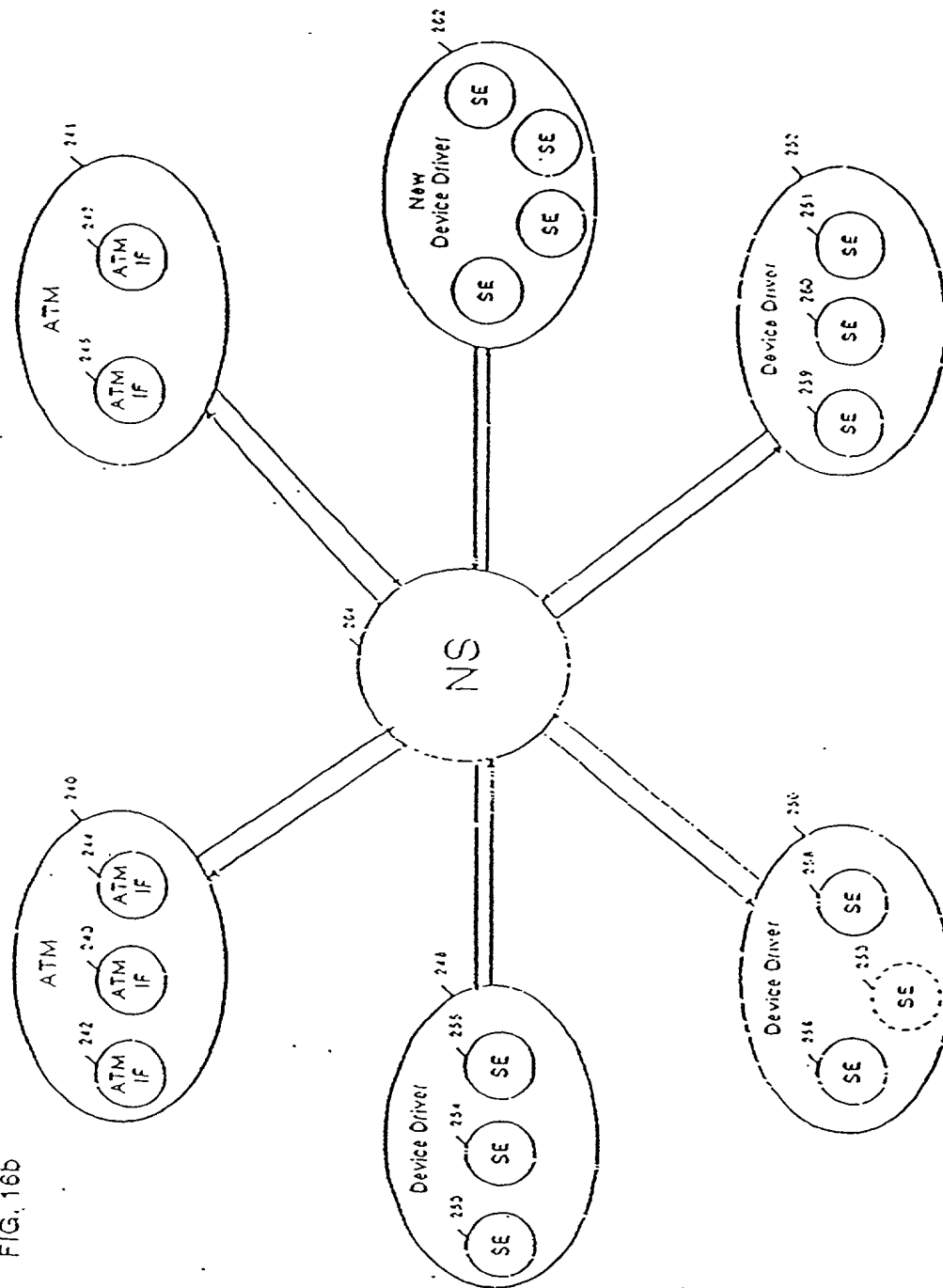
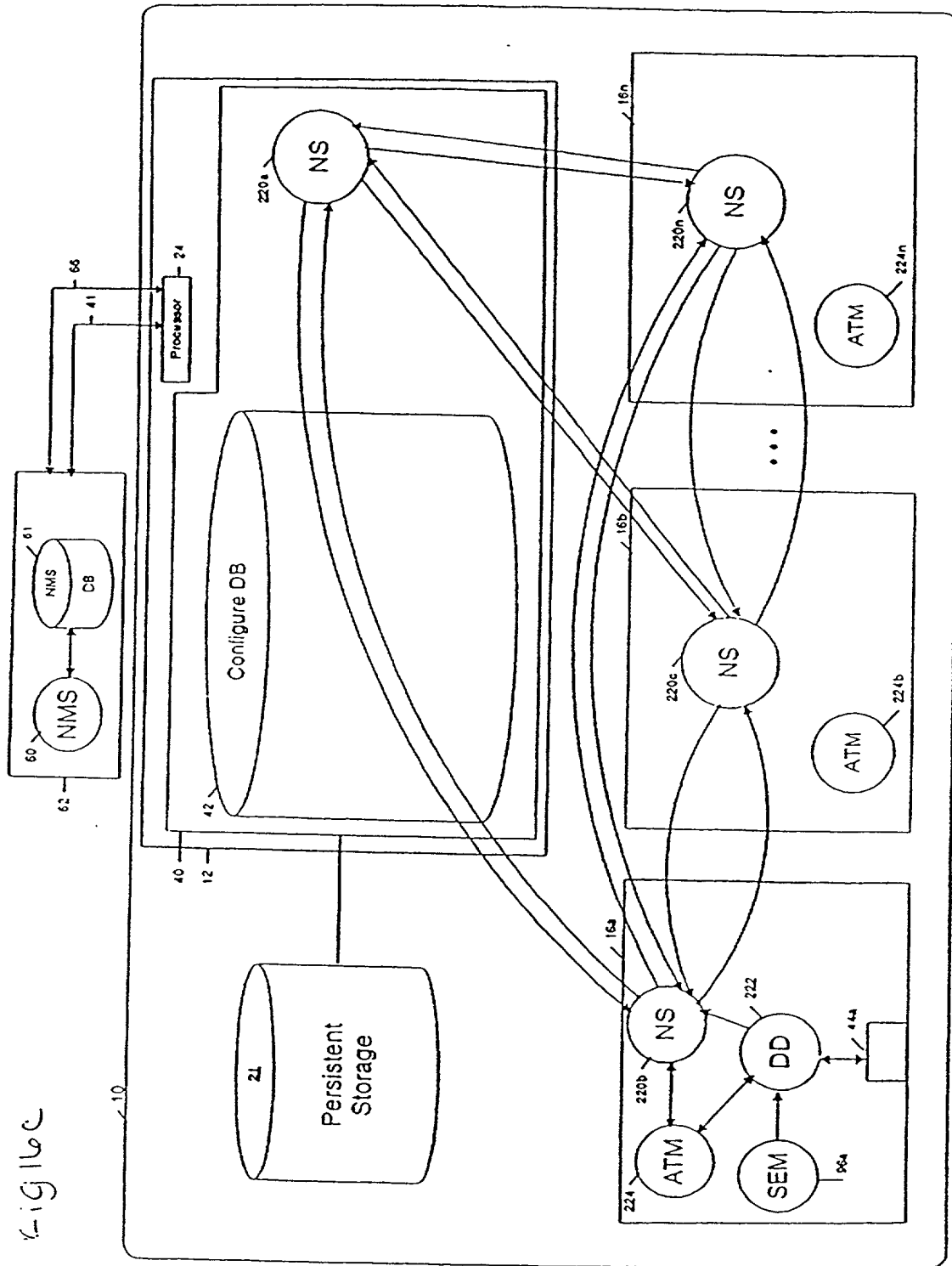
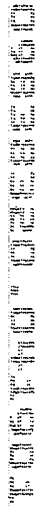


Fig. 10c





719

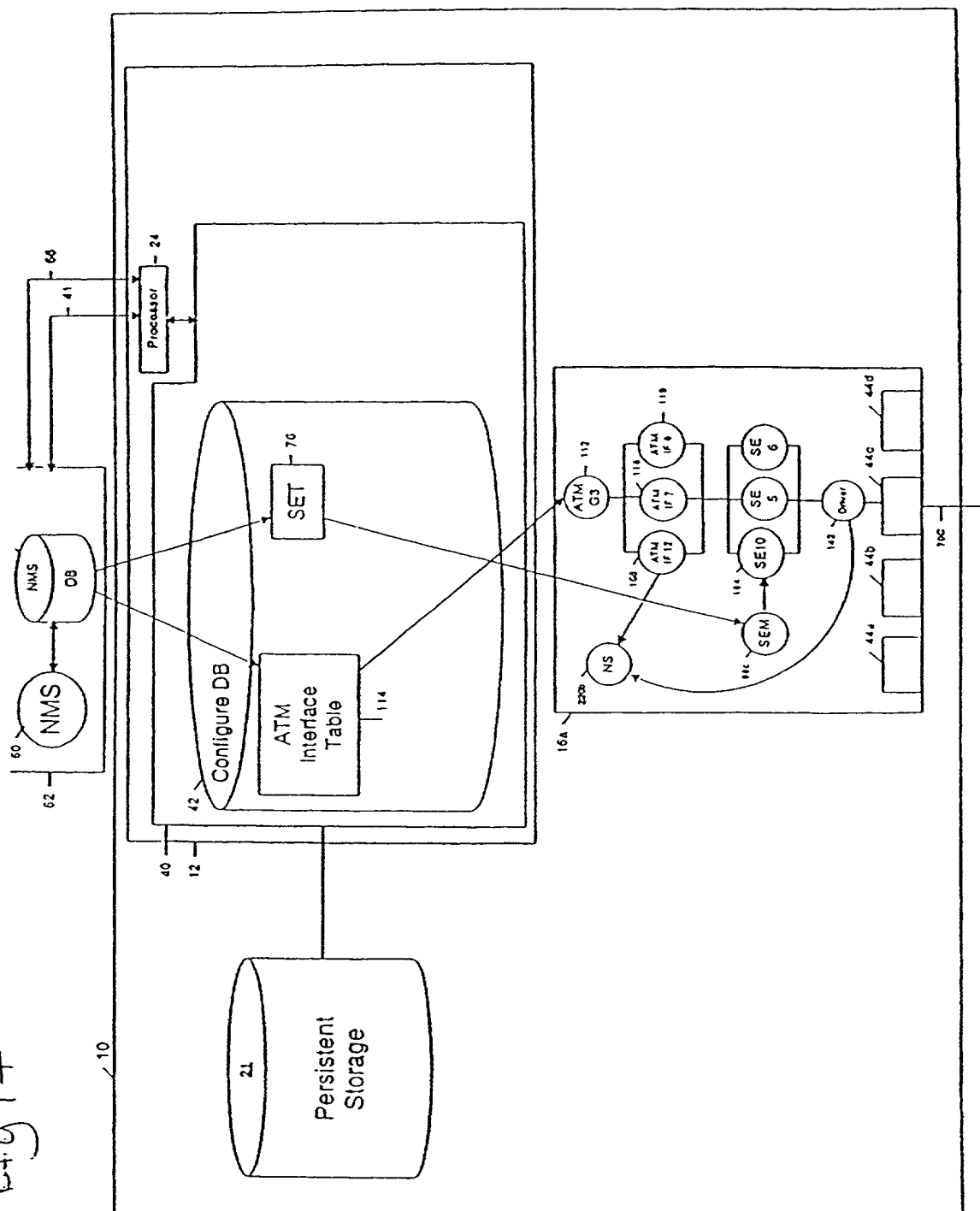


Fig 18

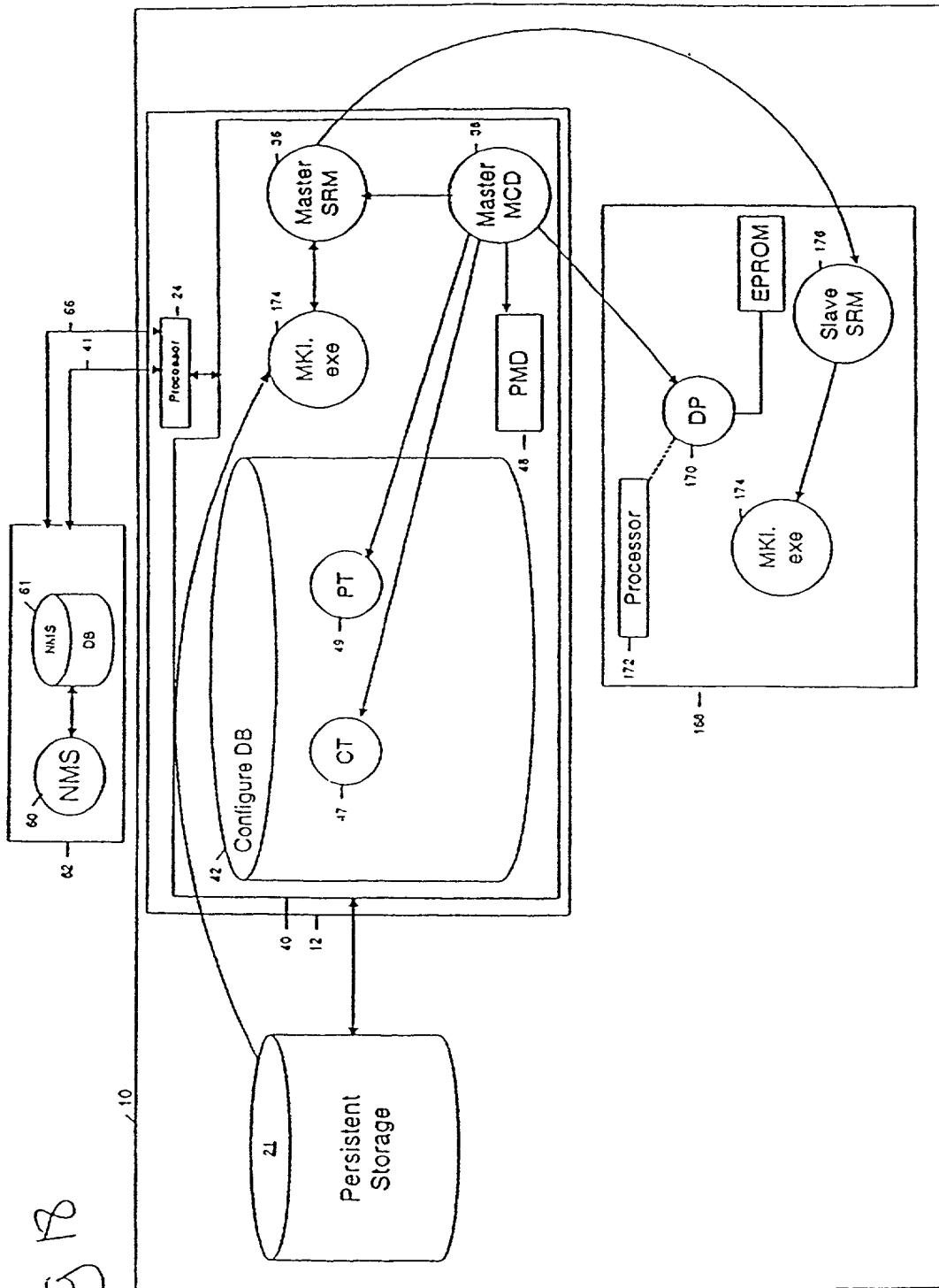




Fig 19

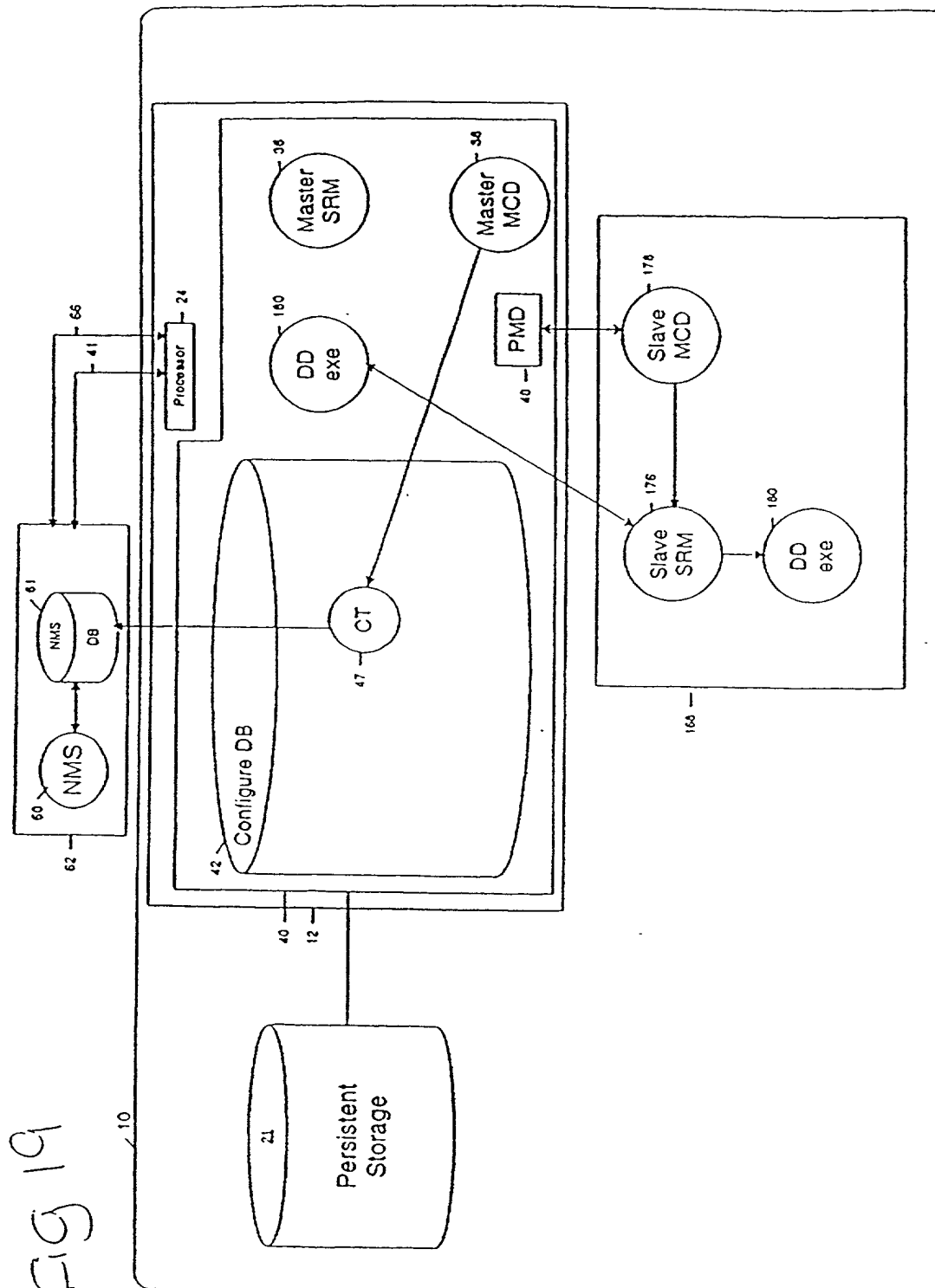
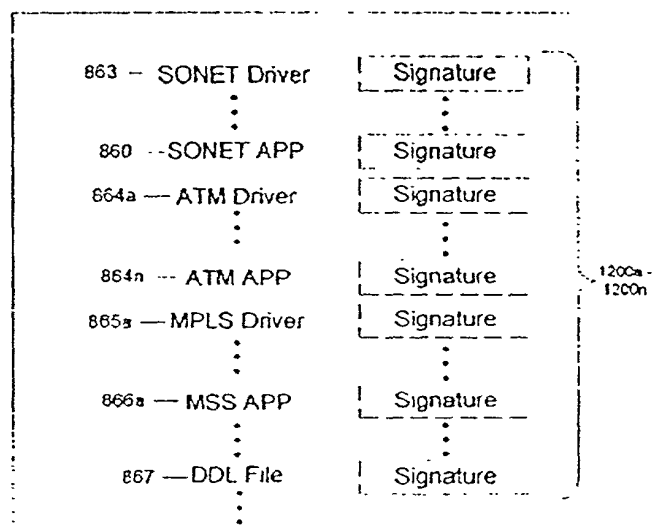


Fig. 20a

## Packaging List

1200



SCANNED, # 2

Fig. 20b

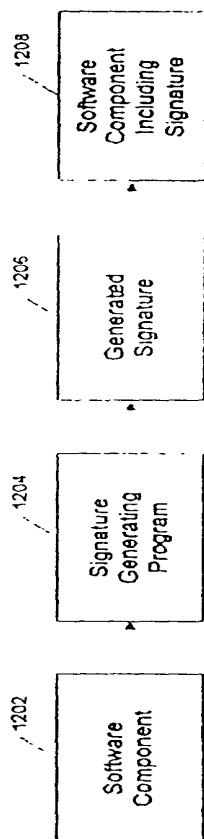


Fig. 20c

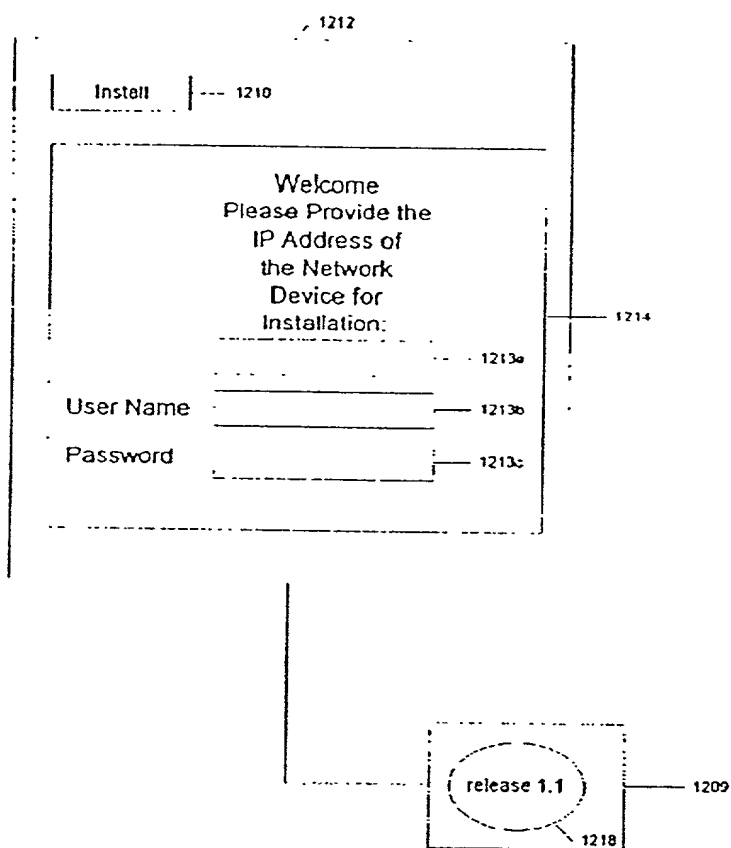


Fig. 20d

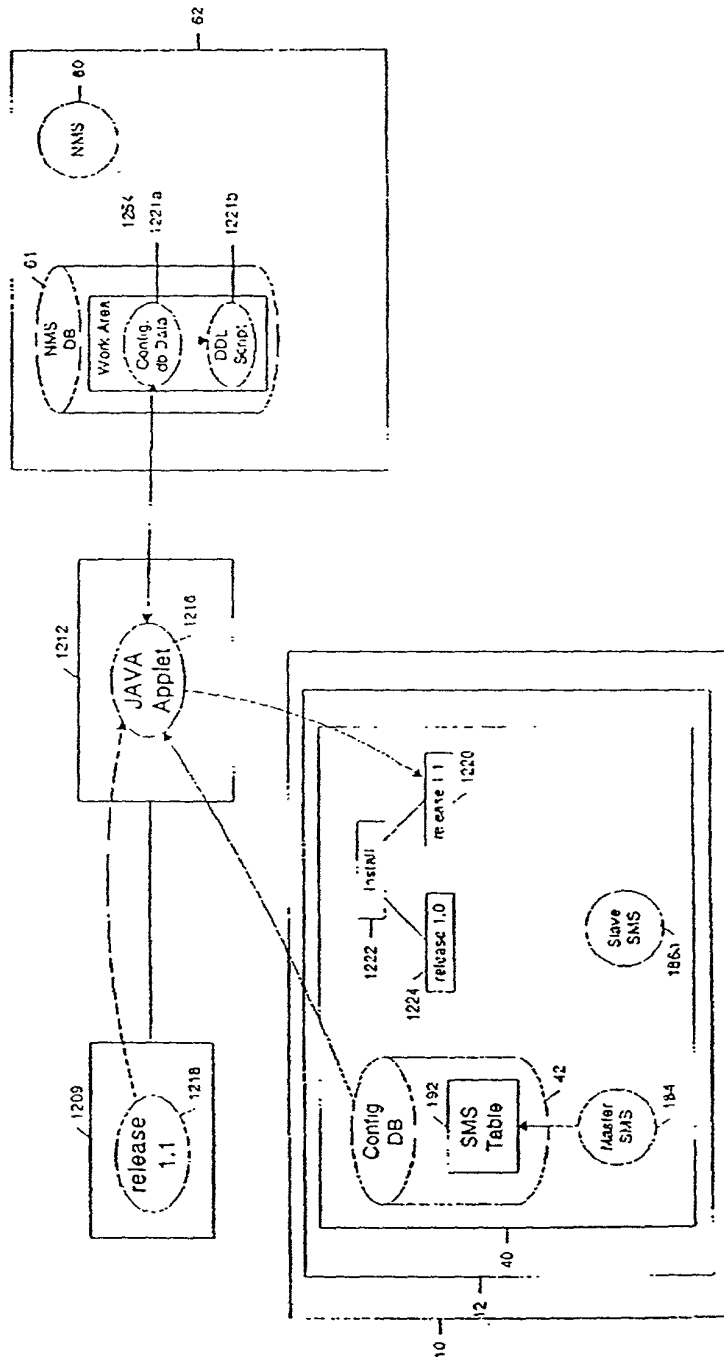
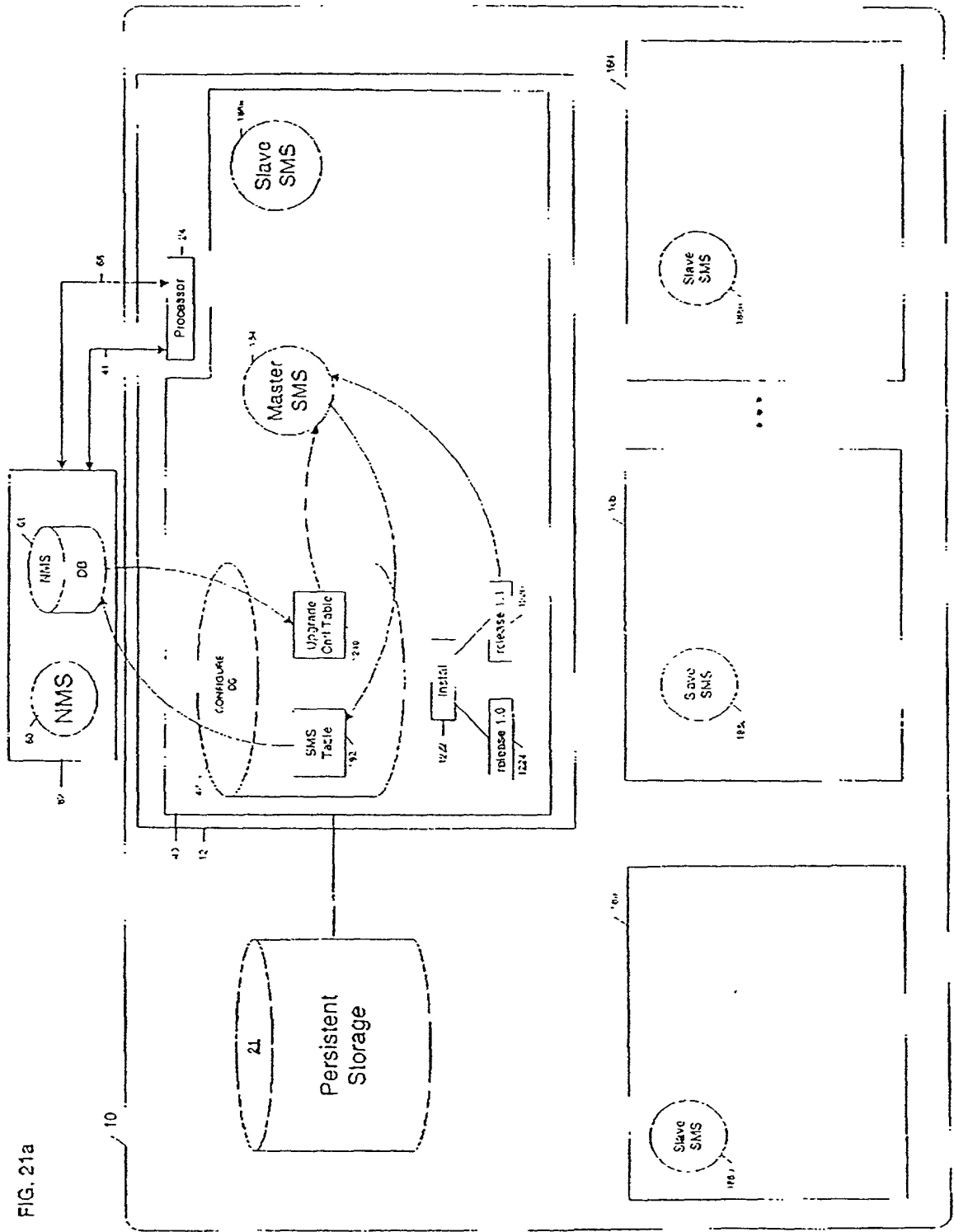


FIG. 21a



SMS Table

192

1228	Image	Verification	Upgrade	...
1228	LID	Status	Modes	...
1227	9623	Passed	x2348	...
	:	:	:	:
	:	:	:	:

Fig. 21b

1232

Available Releases	
Release 1.0	1230
Release 1.1	

Fig. 21c



Fig. 21d

Fig. 21e

Image Control	
<input type="checkbox"/>	Delete -1238
<input type="checkbox"/>	Re-verify -1239
<input type="checkbox"/>	Install -1240

Fig. 21f

Upgrade Mode	
<input type="checkbox"/>	Hot -1243
<input type="checkbox"/>	Cold -1244
<input type="checkbox"/>	Entire Chassis -1245
<input type="checkbox"/>	Board-by-Board -1246
<input type="checkbox"/>	Path-by-Path -1247
<input type="checkbox"/>	Time for Installation

1250 —

1251 —

1248

1252

1253

1255

Upgrade Control Table			
Image LID	Command	Time for Installation	Status
9623	x2344		...
⋮	⋮	⋮	⋮

Fig. 21g



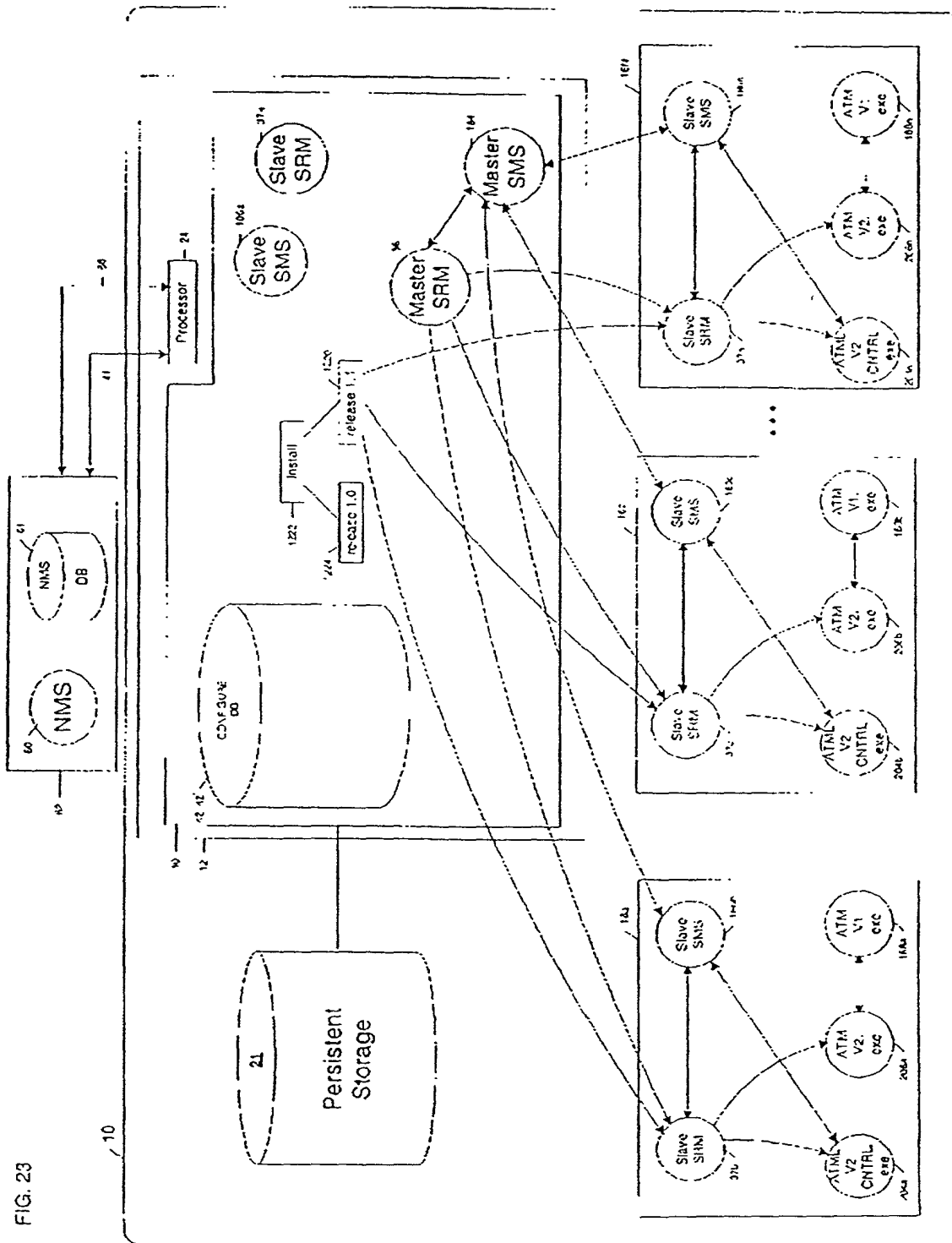
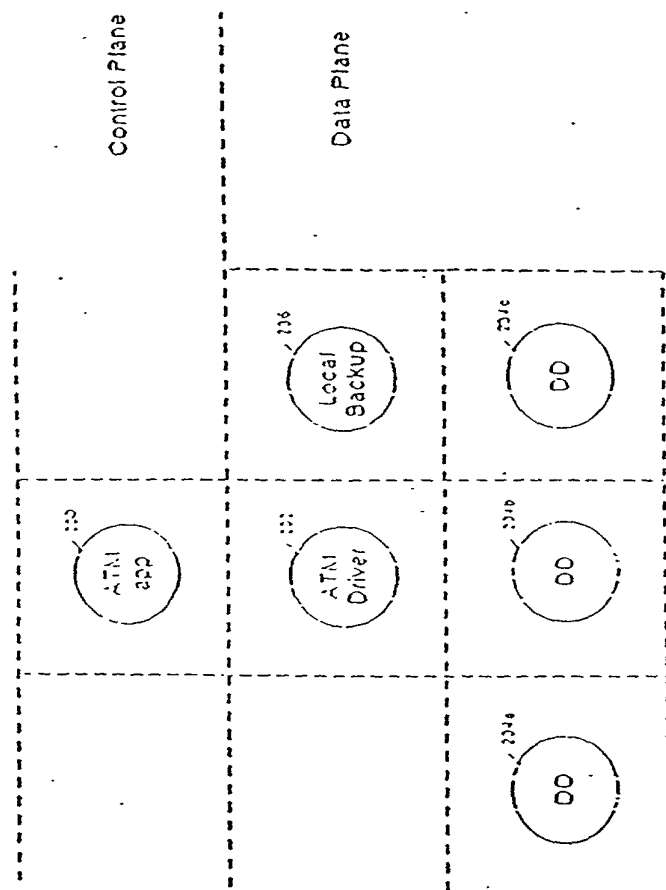


FIG. 24



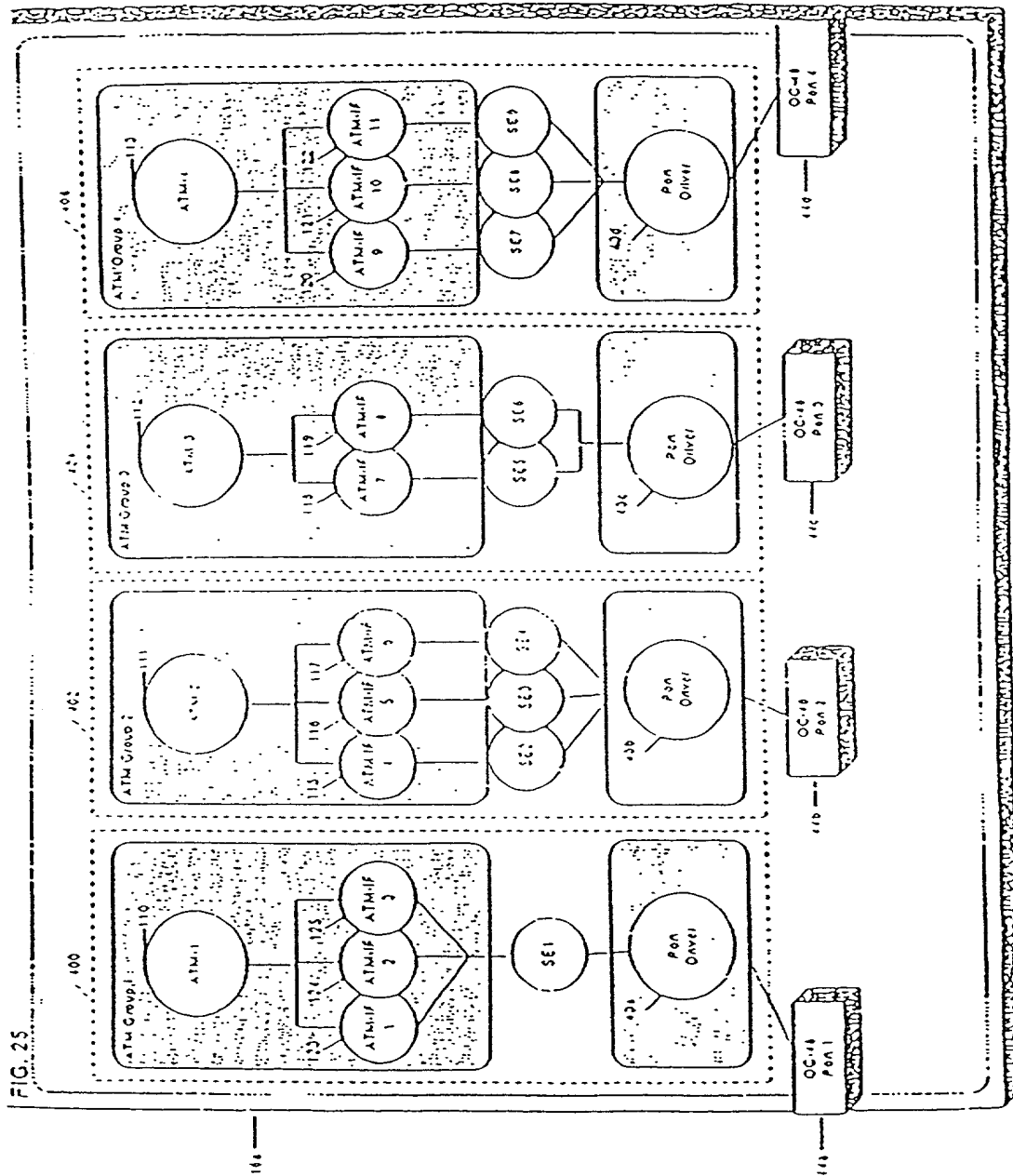


Fig 2b

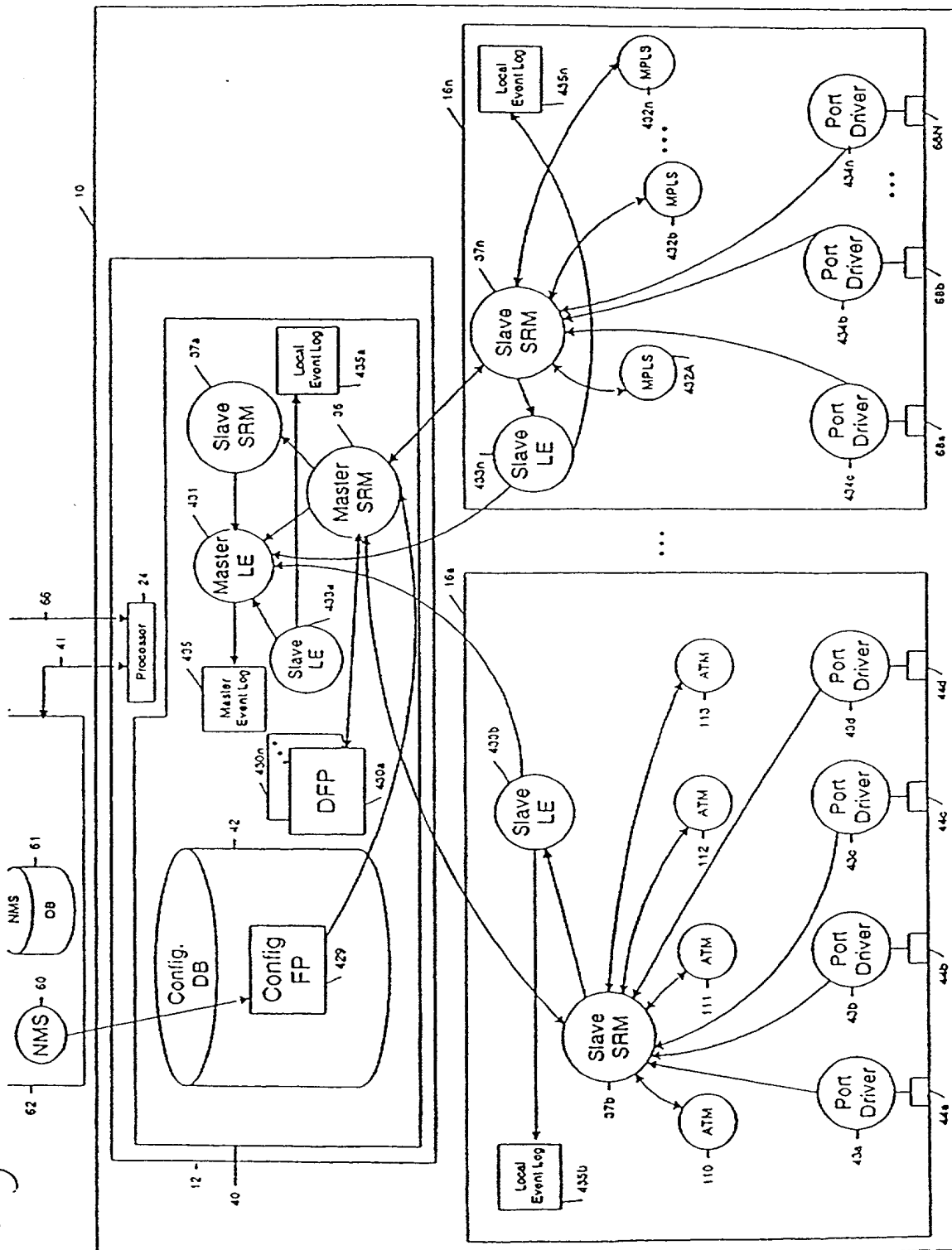
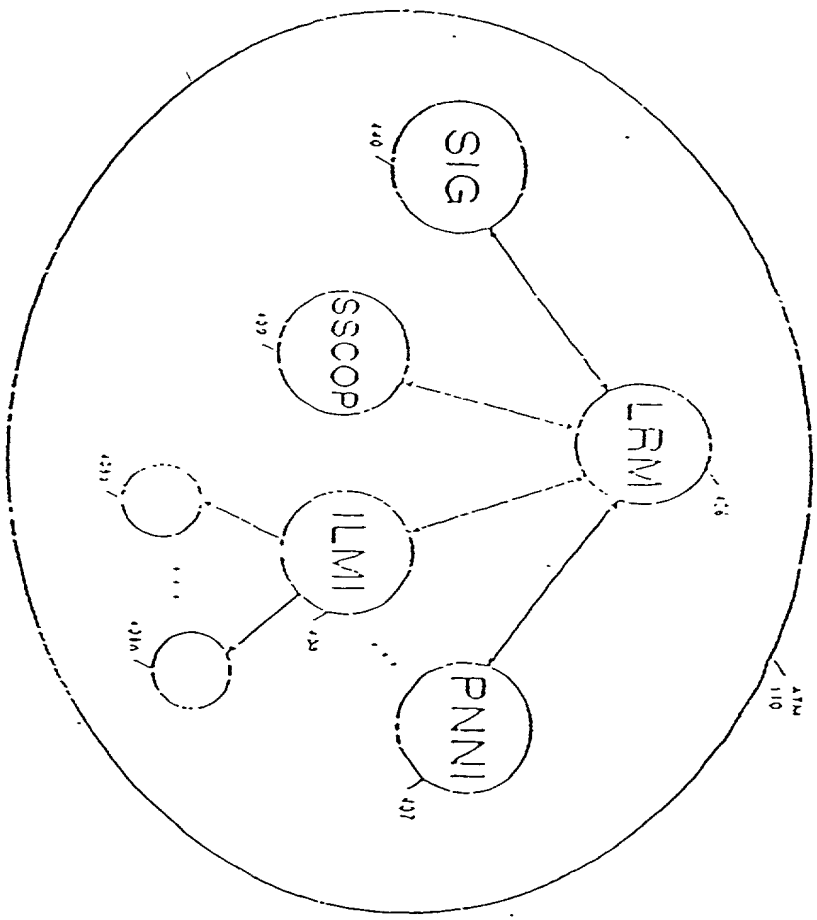




FIG. 27



09838320.04.1904

FIG. 29

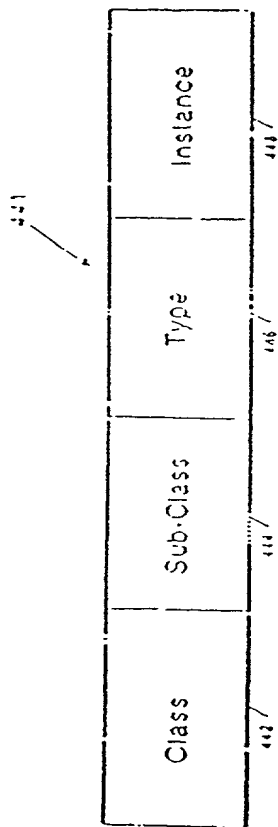


FIG. 29

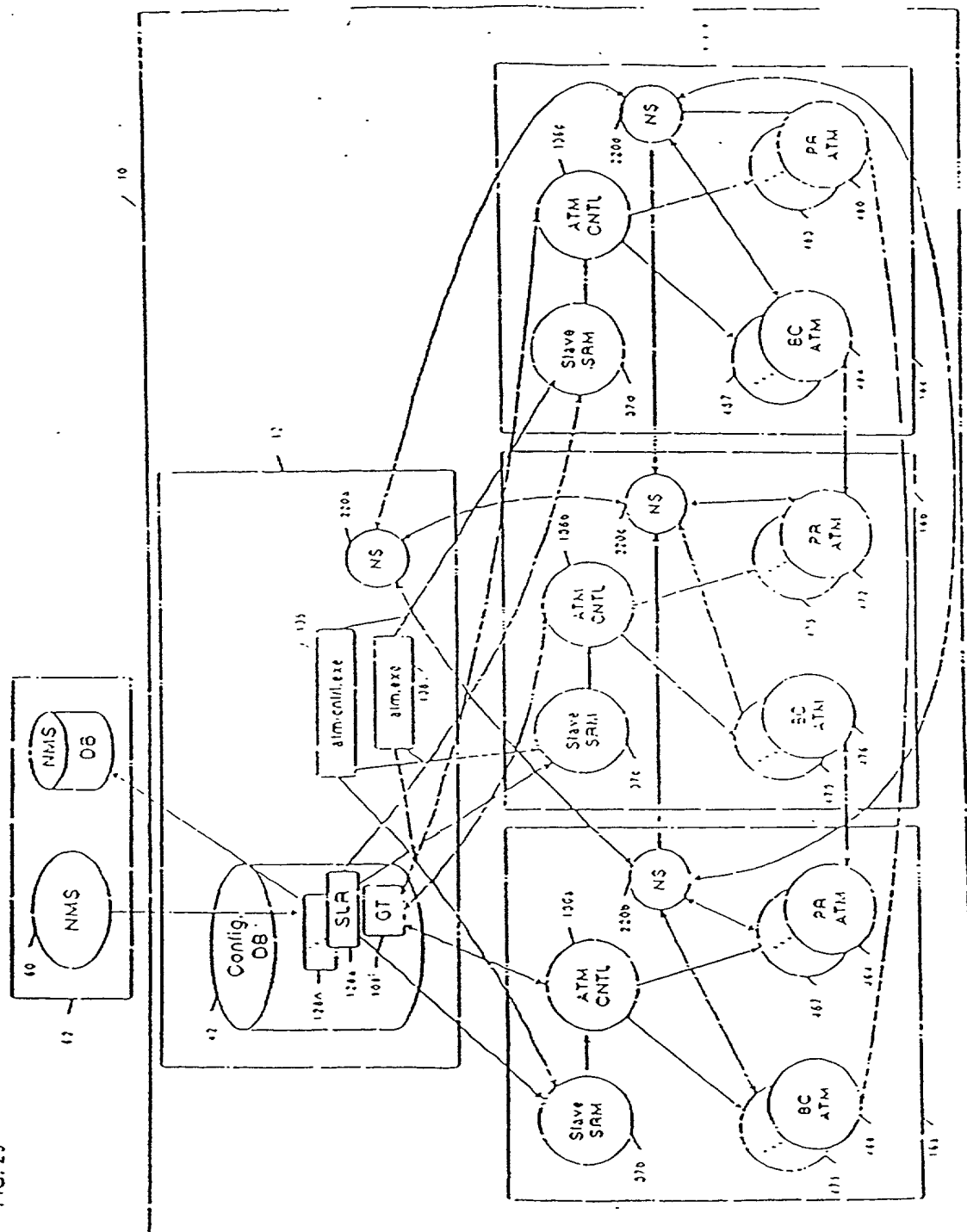


Table 108

	Group #	Primary Card LID	Backup Card LID	...
450	1	30	31	
451	2	30	31	
452	3	30	31	
453	4	30	31	
454	5	31	32	
455	6	31	32	
456	7	31	32	
457	8	31	32	
458	9	32	30	
459	10	32	30	
460	11	32	30	
461	12	32	30	
	⋮	⋮	⋮	⋮
	⋮	⋮	⋮	⋮

Fig. 31a

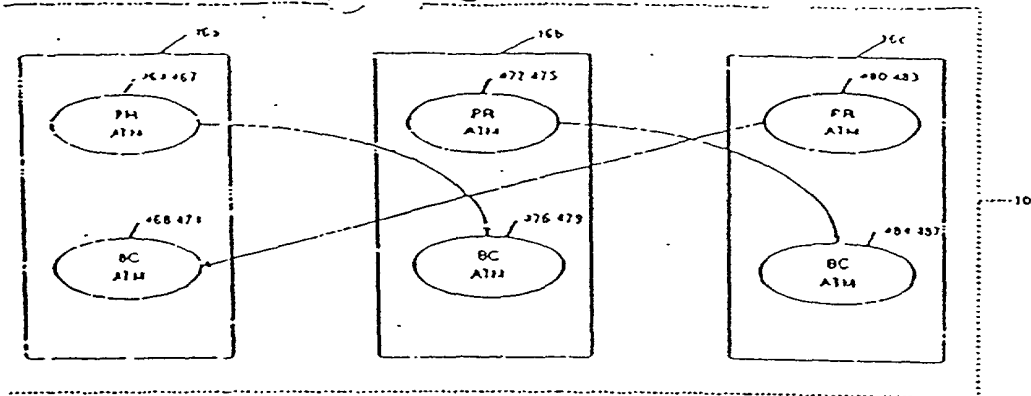


Fig. 31b

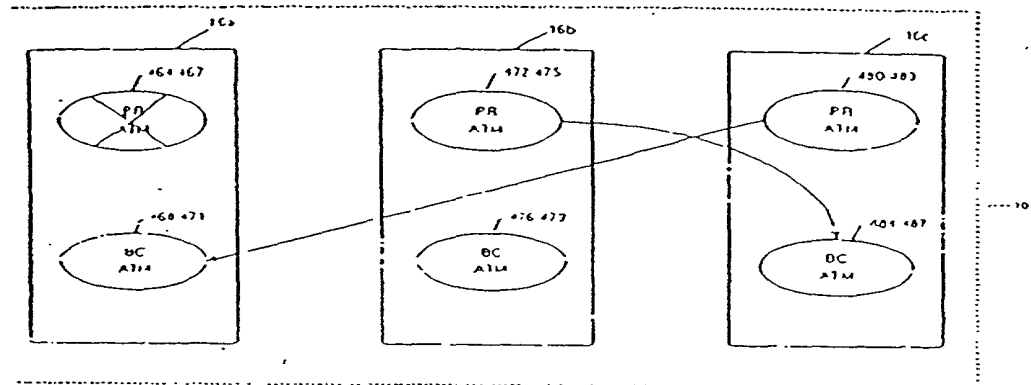
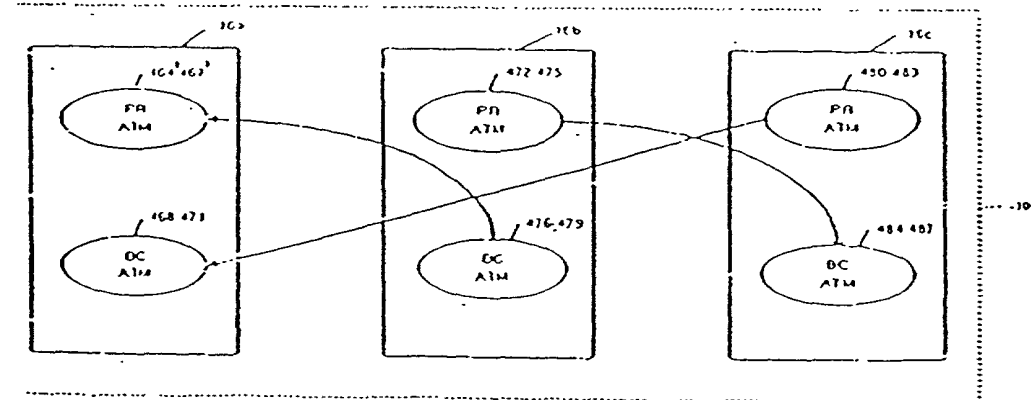


Fig. 31c



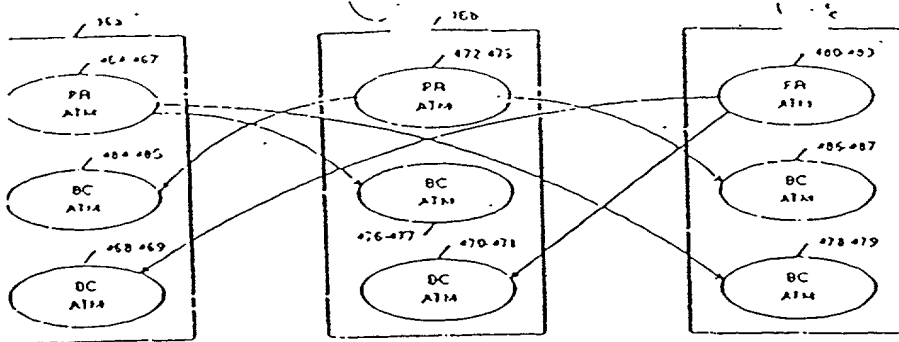


Fig. 32b

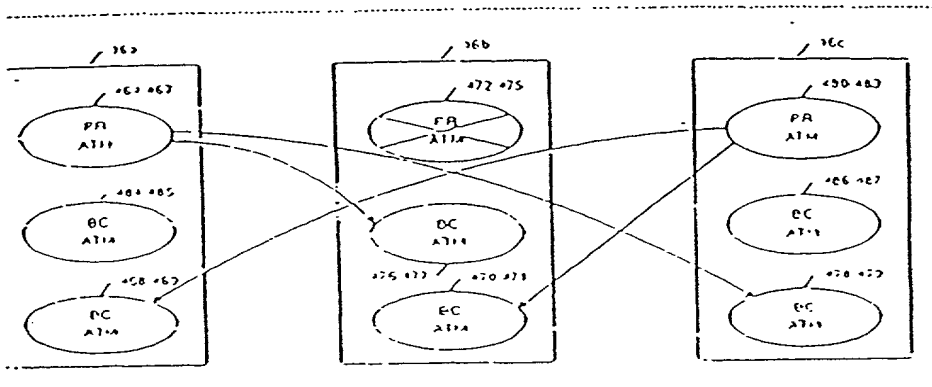


Fig. 32c

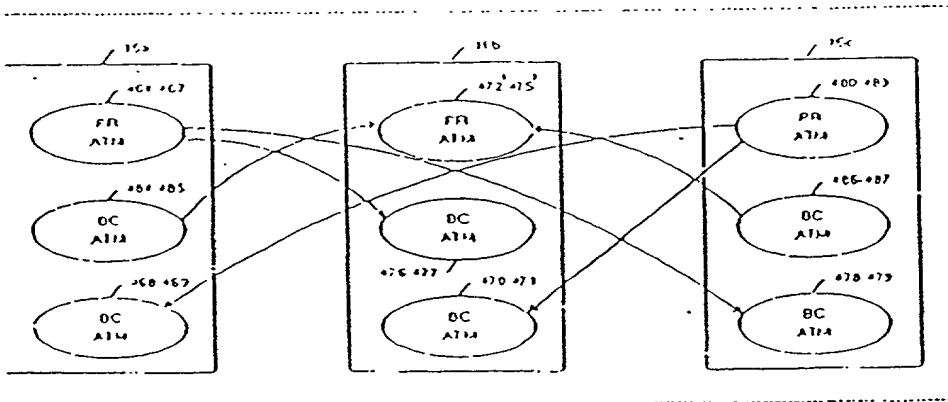
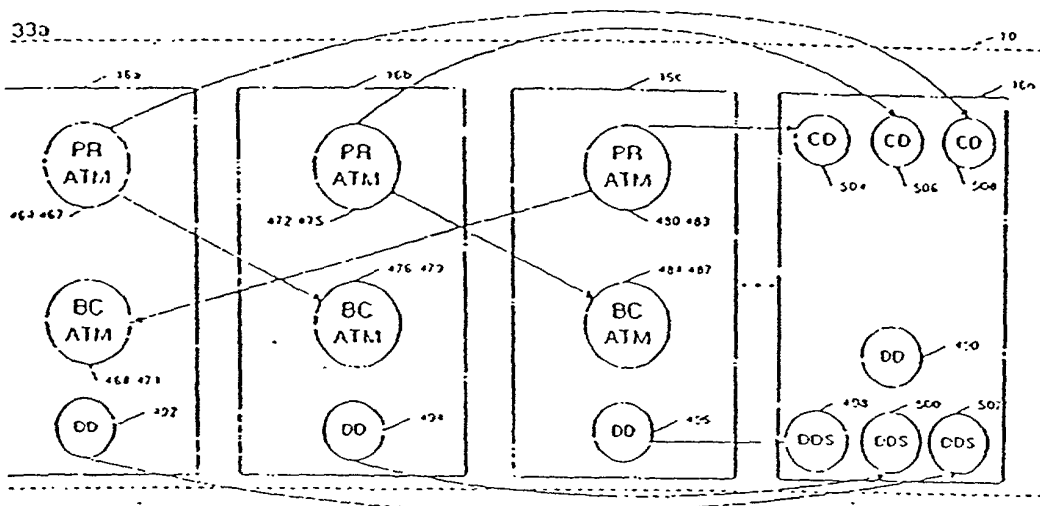
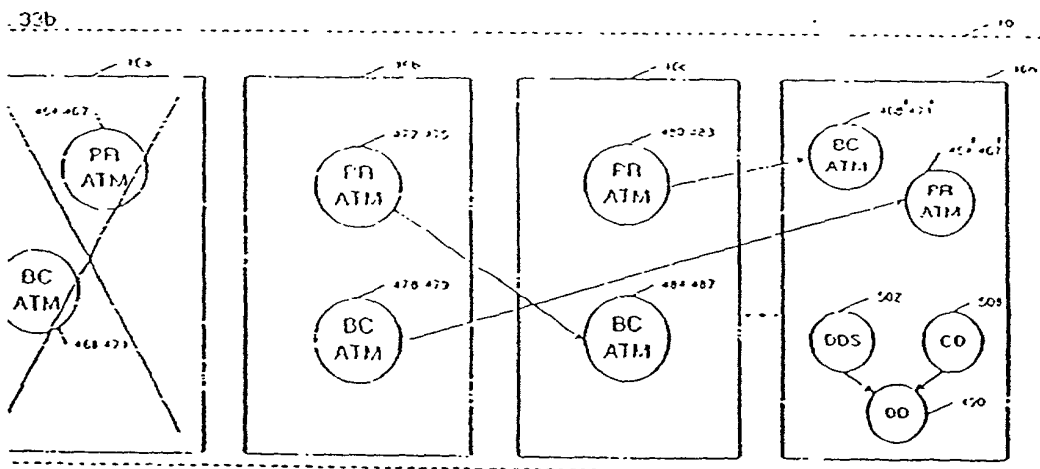


Fig. 32A

33a

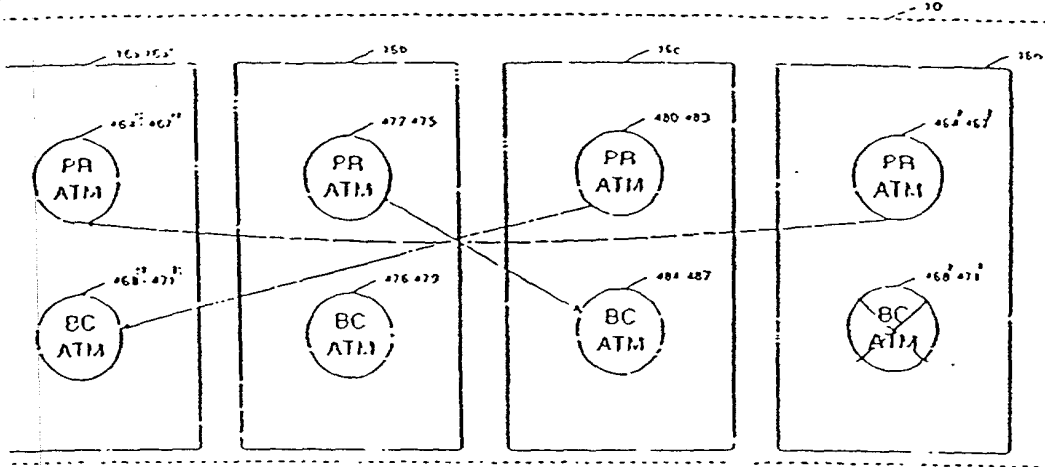


33b



FORM 02-88-860

33c



33d

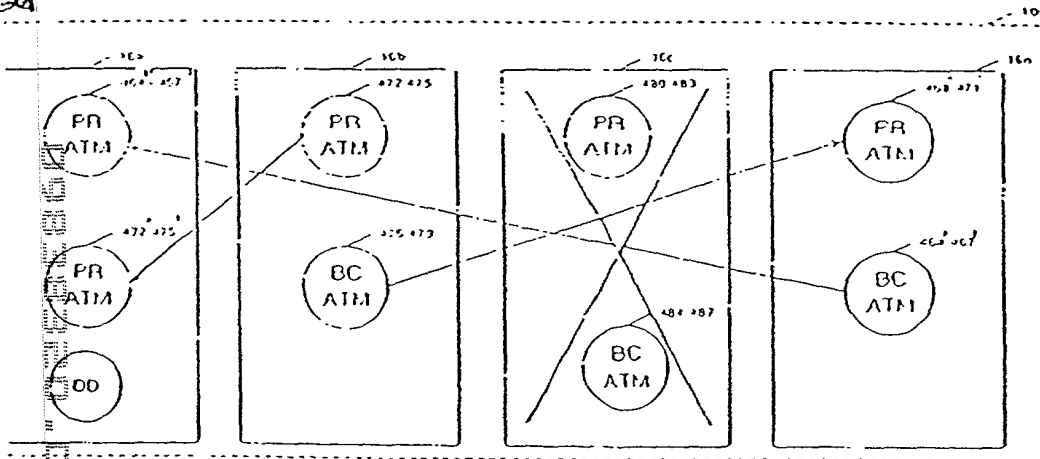




Fig. 34a

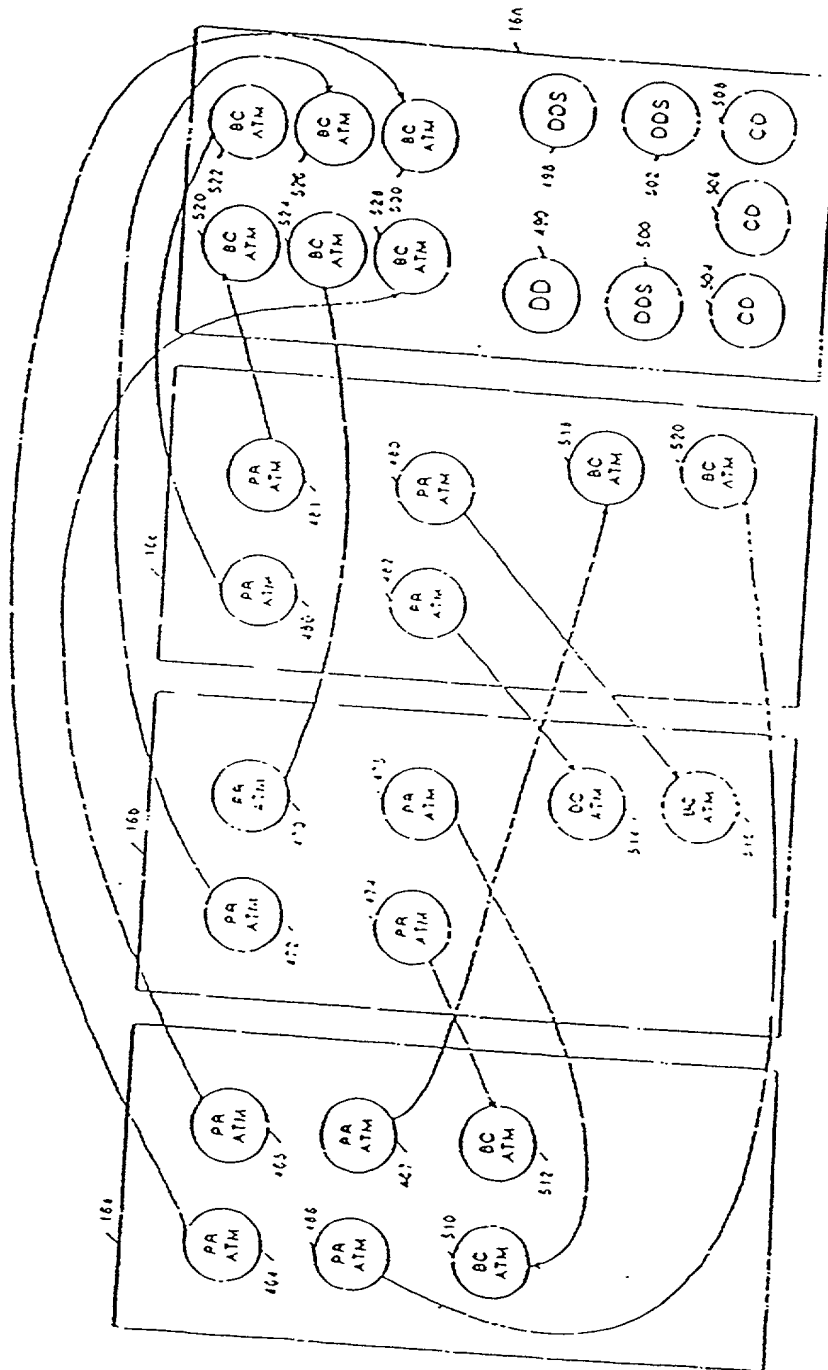




FIG. 36

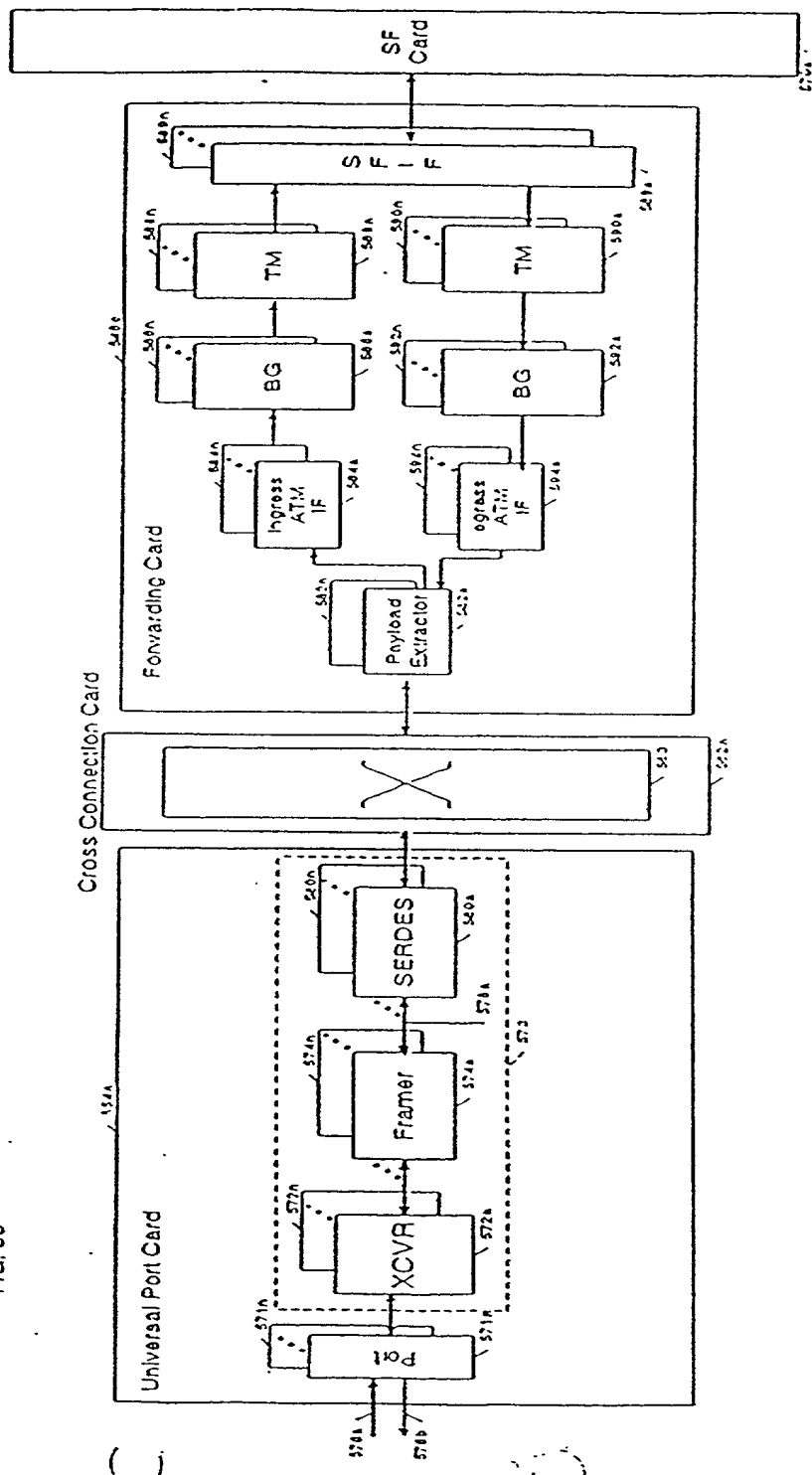


FIG. 37

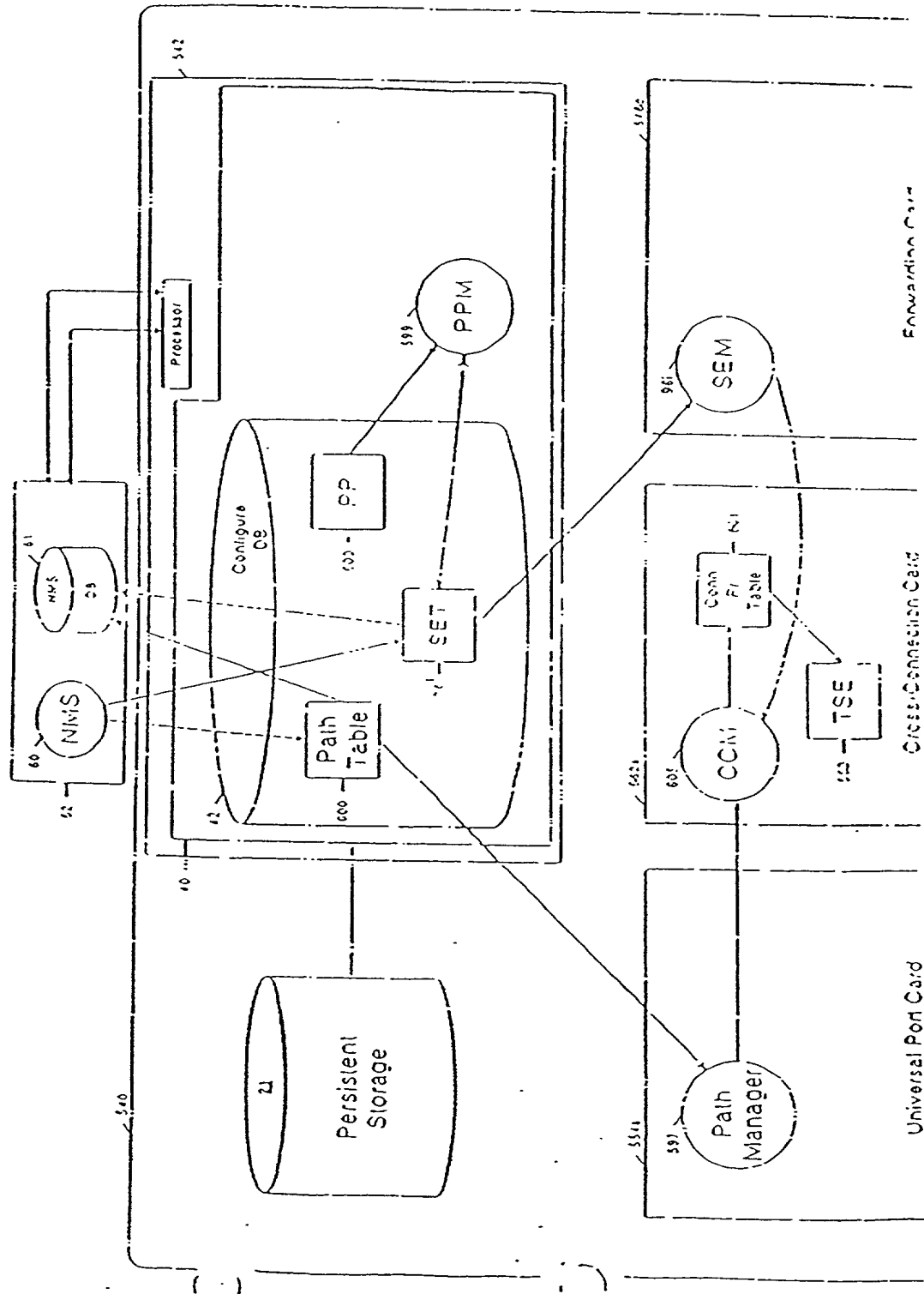


FIG. 38

Path Table 600

602

Path LID	UP Poin LID	Time Slot	# of Time Slots	...
1666	1231	4	3	
...	...	...	...	...

FIG. 39

Service End Point Table 76'

604

SE #	Q #	FC LID	FC Slice	FC Time Slot	Path PID	...
878	1				1666	
:	:	:	:	:	:	:
:	:	:	:	:	:	:

606 608 610

05838320.041901

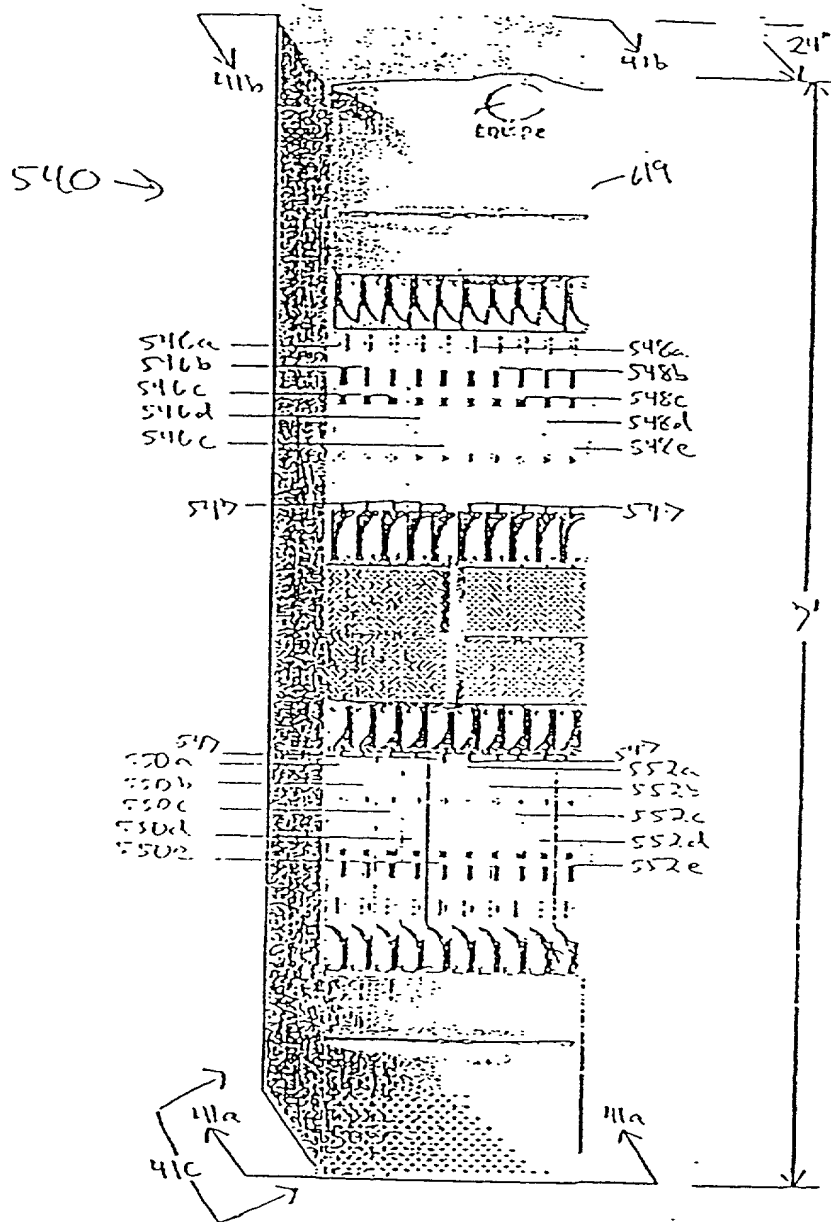


Fig. 40

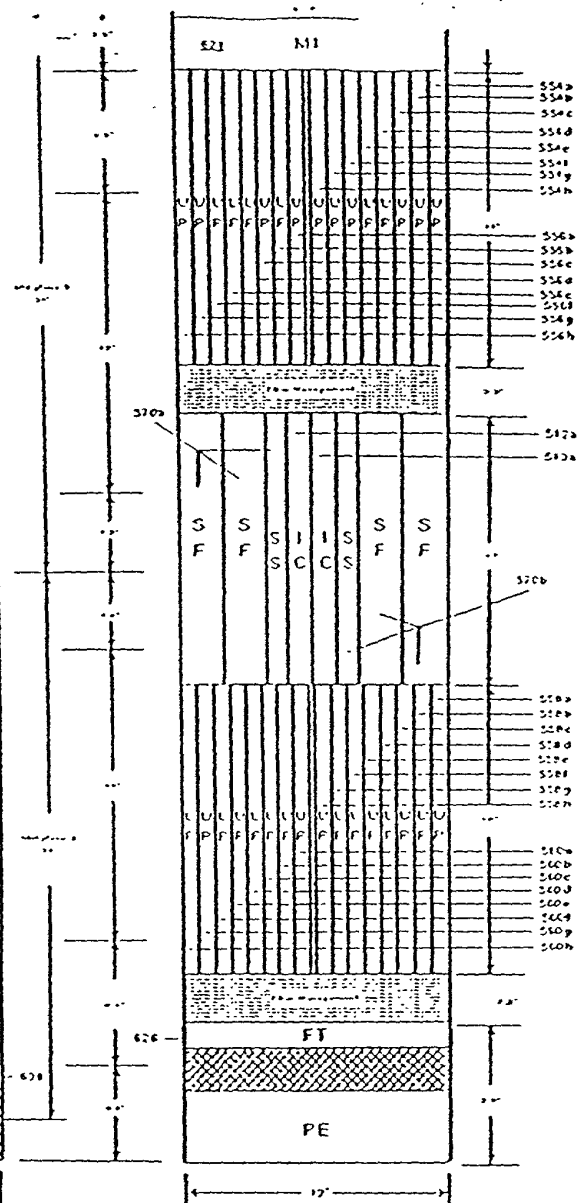
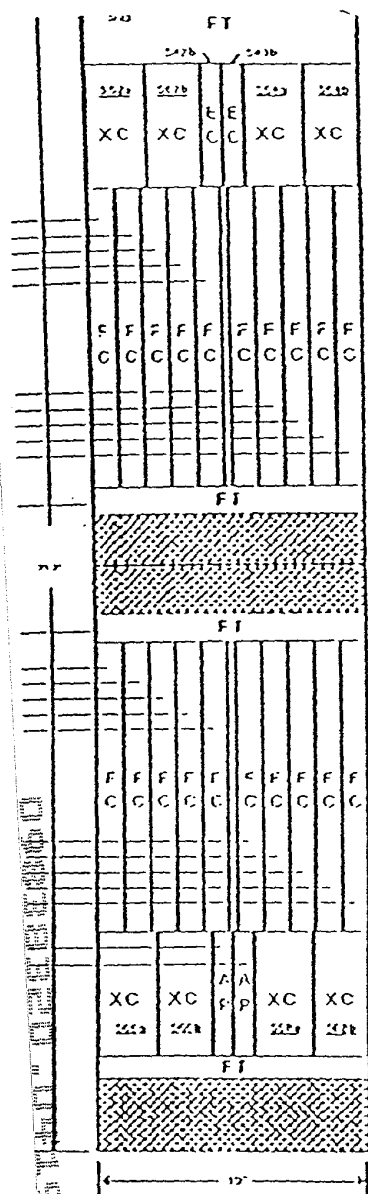
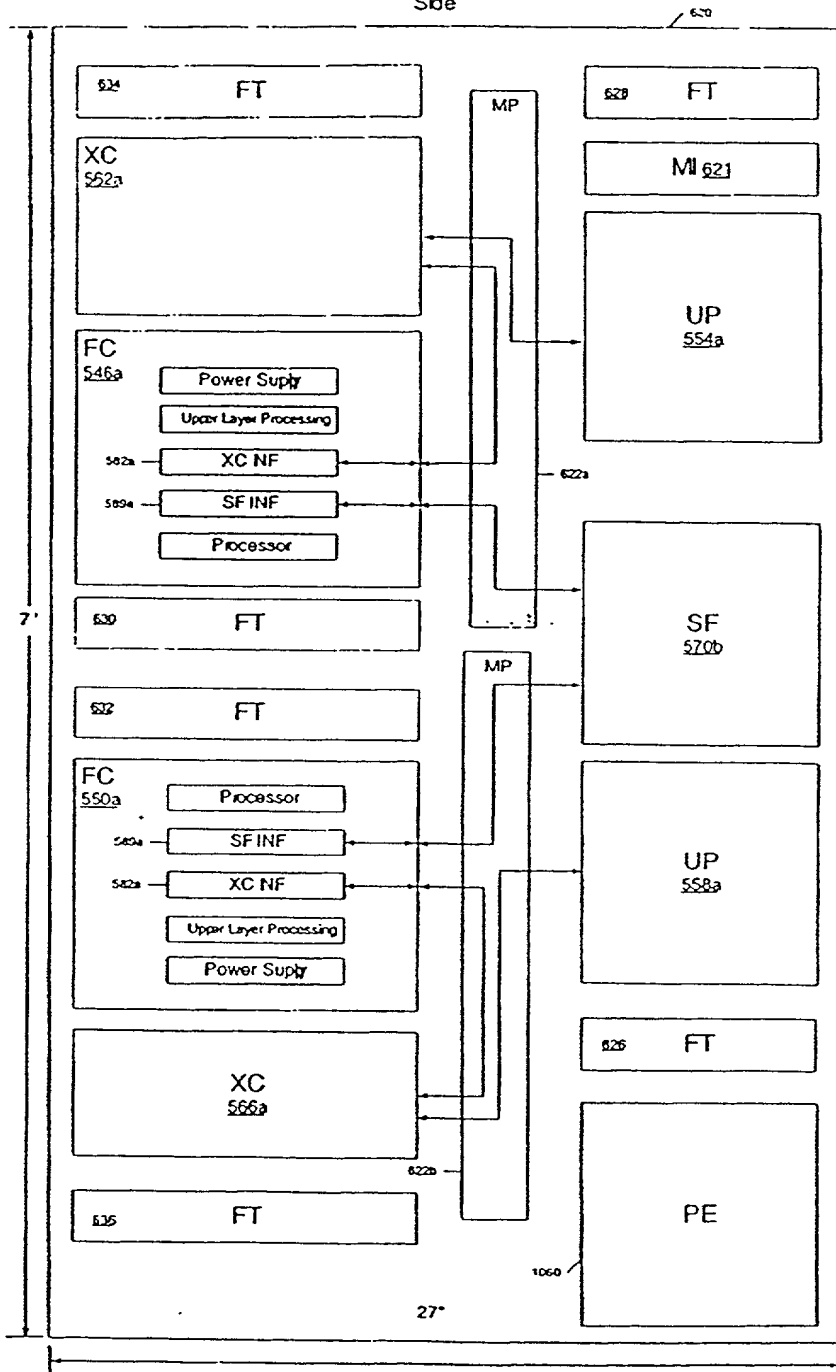




FIG. 41c  
Side



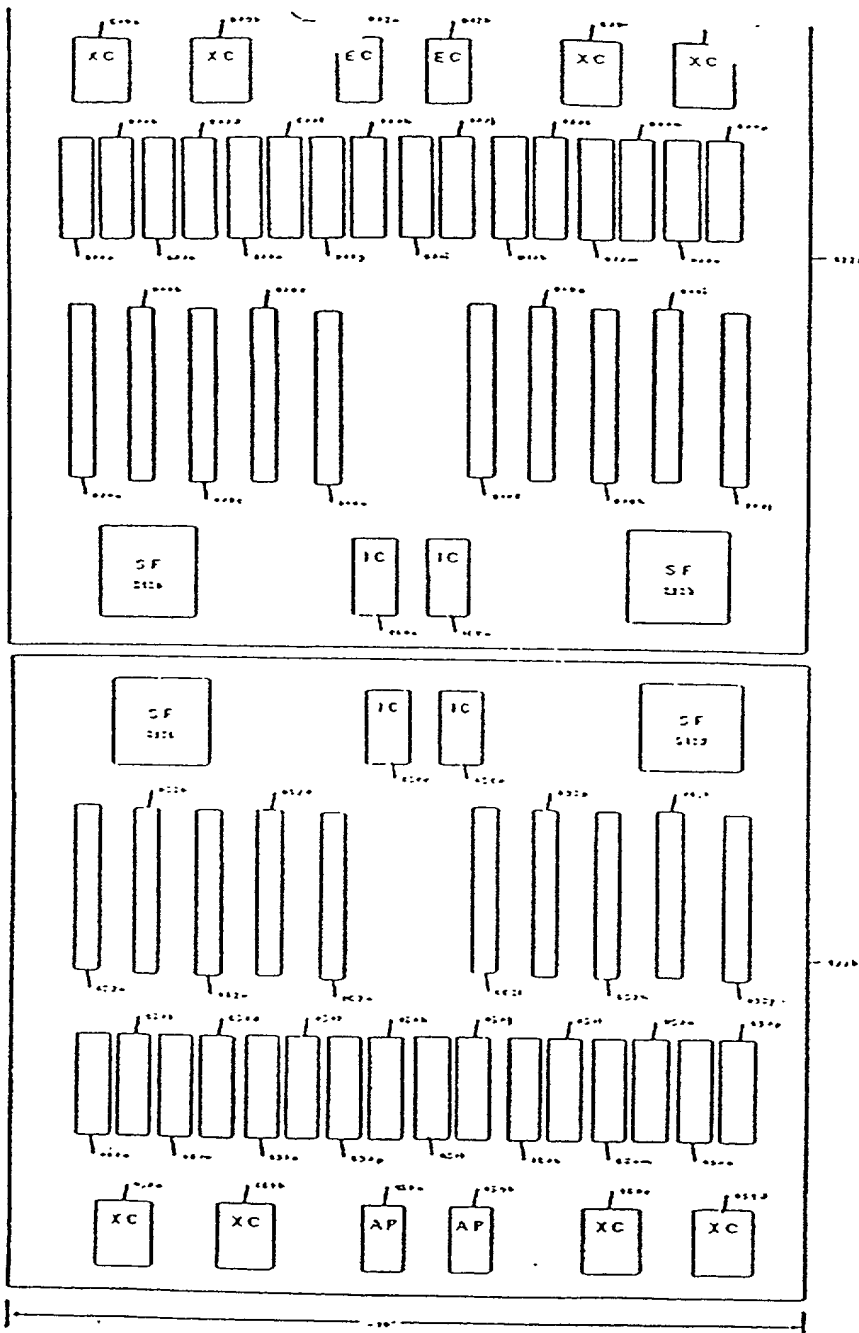


Fig. 42

Fig. 11L

Managed Resource Group Table

1008

1008a

1008b

1008c

1008d

LID	Managed Device PID	Group Name
1145	1	Walmart-East
⋮	⋮	⋮

Fig. 11M

Managed Resource Table

1007

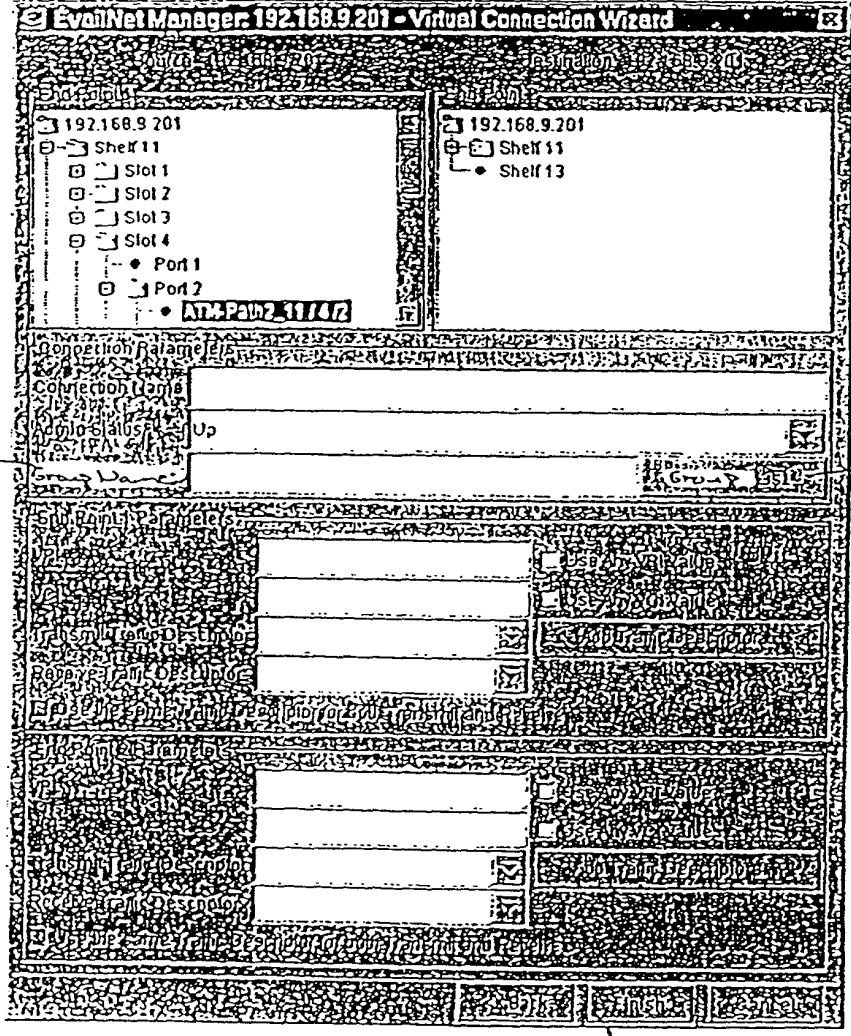
1007a

1007b

1007c

LID	Resource LID	Manage Resource Group LID
4443	901	1145
⋮	⋮	⋮

1006



oda

1006b

1006c

Fig. 110

FIG. 110

Fig. 11p

User Table

1010

LID	Username	Password	Group Level Access
2012	Dave	Marble	Provisioner
⋮	⋮	⋮	

1010a points to the first row (2012, Dave, Marble, Provisioner).  
 1010b points to the Username column.  
 1010c points to the Password column.  
 1010d points to the Group Level Access column.  
 1010e points to the Provisioner value in the first row.

Fig. 11q

User Managed Device Table

1012

LID	User LID	Host LID	Retry	Timeout
7892	2012	9046		
⋮	⋮	⋮	⋮	⋮

1012a points to the first row (7892, 2012, 9046, , ).  
 1012b points to the User LID column.  
 1012c points to the Host LID column.  
 1012d points to the Retry column.  
 1012e points to the Timeout column.

Fig. 11r

Administration Managed Device Table

1014

LID	Host Address	Port Address	Retry	Timeout	Admin. Password	Prov. Password	Viewer Password
9046	192.168.9.203	1521			team 1	team 2	team 3
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

1014a points to the first row (9046, 192.168.9.203, 1521, , , team 1, team 2, team 3).  
 1014b points to the Host Address column.  
 1014c points to the first column (LID).  
 1014d points to the Prov. Password column.

Fig. 11s

1013

Add Delete Device Dlg

1013a Device Host: 192.168.1.202

1013b Device Port: 1521

1013c SNMP Retry:

1013d SNMP Timeout:

1013e Admin. Password:

1013f Prov. Password:

1013g Viewer Password:

1013h Add

1013i OK Cancel Delete

The diagram shows a graphical user interface (GUI) window titled "Add Delete Device Dlg". The window has a standard title bar with a close button (X). The main content area contains several input fields, each preceded by a label and a reference number: "1013a Device Host: 192.168.1.202", "1013b Device Port: 1521", "1013c SNMP Retry:", "1013d SNMP Timeout:", "1013e Admin. Password:", "1013f Prov. Password:", and "1013g Viewer Password:". Below these fields are three buttons: "Add" (labeled 1013h), "OK" (labeled 1013i), and "Cancel". A fourth button, "Delete", is also present. The "Add" button is positioned above the "OK" and "Cancel" buttons. The "Delete" button is positioned to the right of the "Cancel" button.

Fig. 11t

User Resource Group Map Table

1016a	LID	User LID	User Resource Group LID	1016c
	8086	2012	1024	
	⋮	⋮	⋮	

1016b

1016

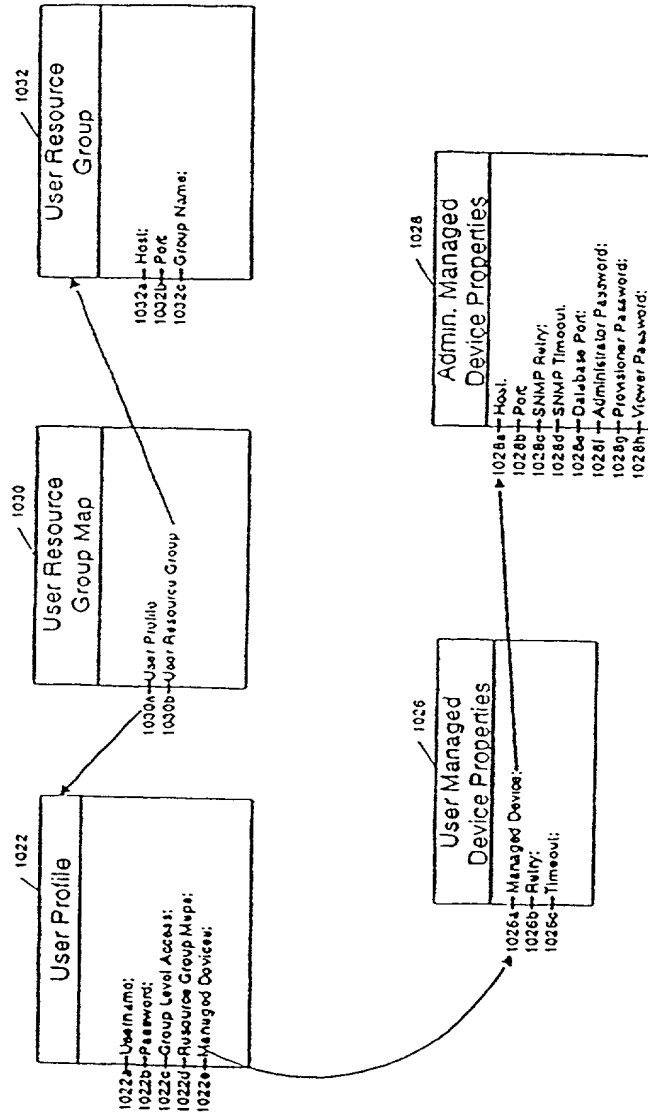
Fig. 11u

User Resource Group Table

1018d	LID	Host LID	Group Name	1018
	1024	9046	Walmart-East	
	⋮	⋮	⋮	

1018a      1018b      1018c

Fig. 11v





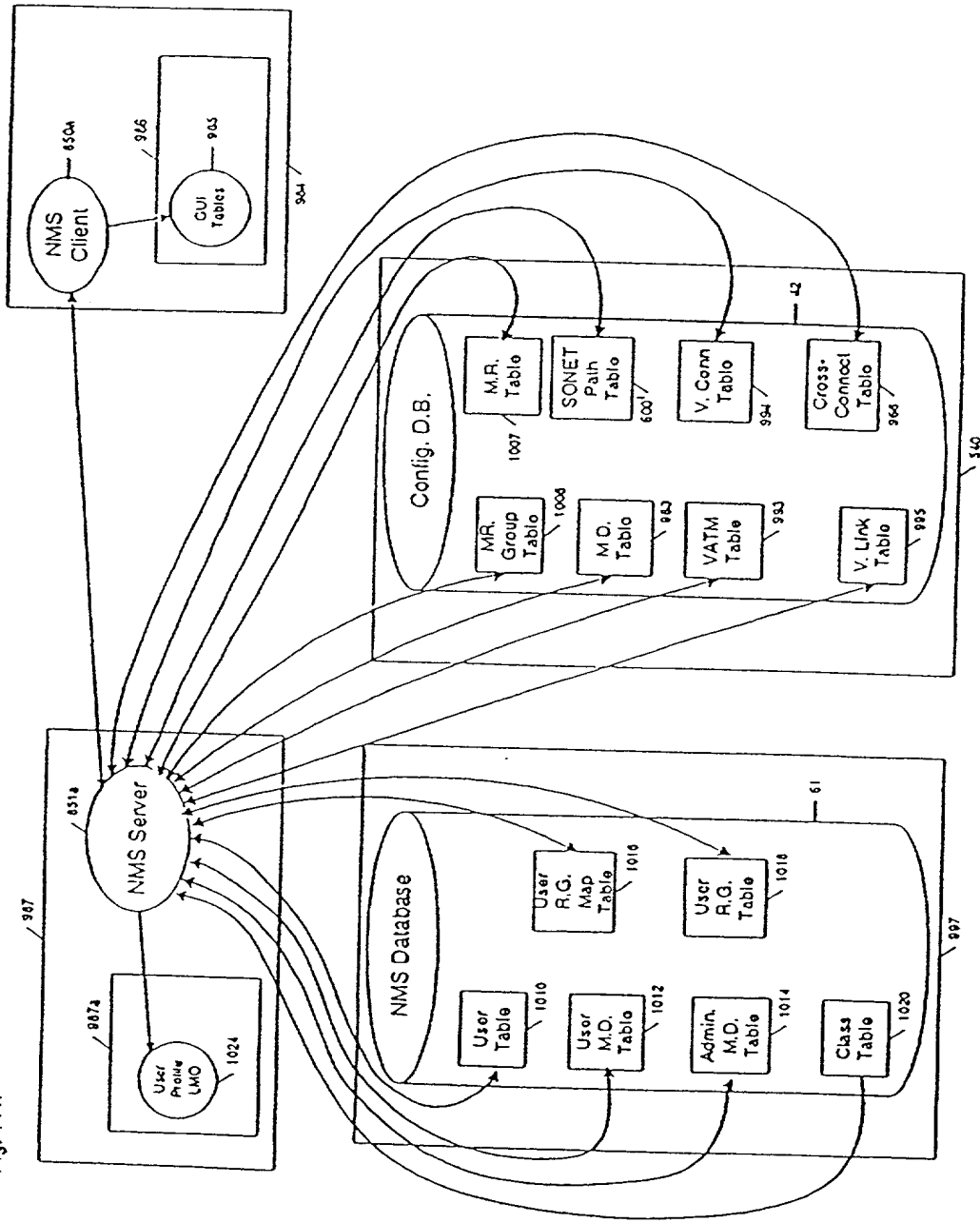
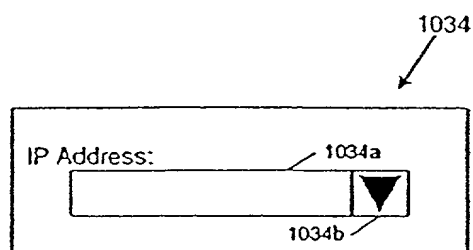
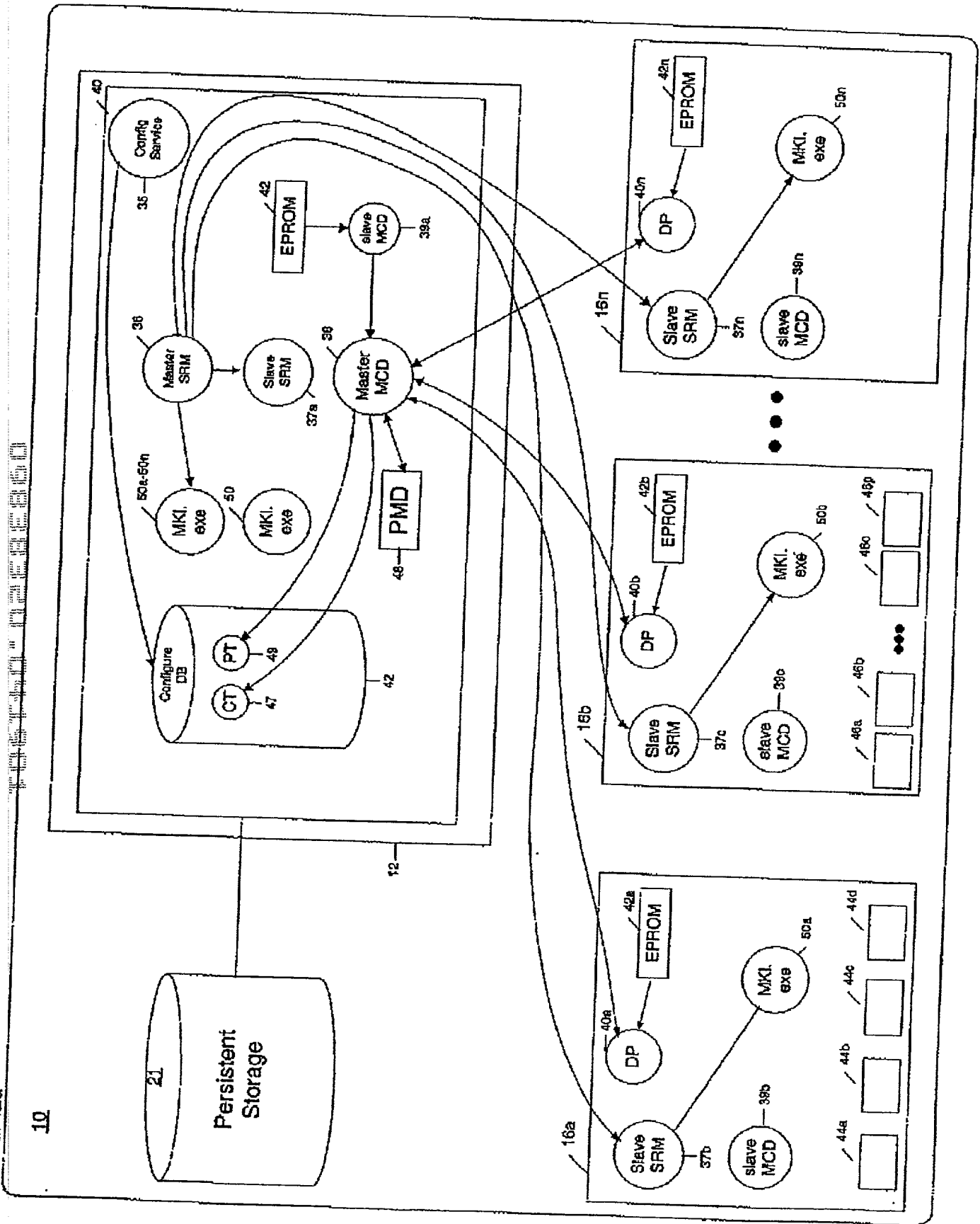


Fig. 11x



10



# CARD TABLE

47

PID	CWD TYPE	VERSION NO.	SLOT NO.	...
16 a 500	0XF002	3	1	
16 b 501	0XF002	4	2	
⋮	⋮	⋮	⋮	⋮
16 e 505	0X6002	1	5	
⋮	⋮	⋮	⋮	⋮
16 n 513	0XF002	1	12	
⋮	⋮	⋮	⋮	⋮

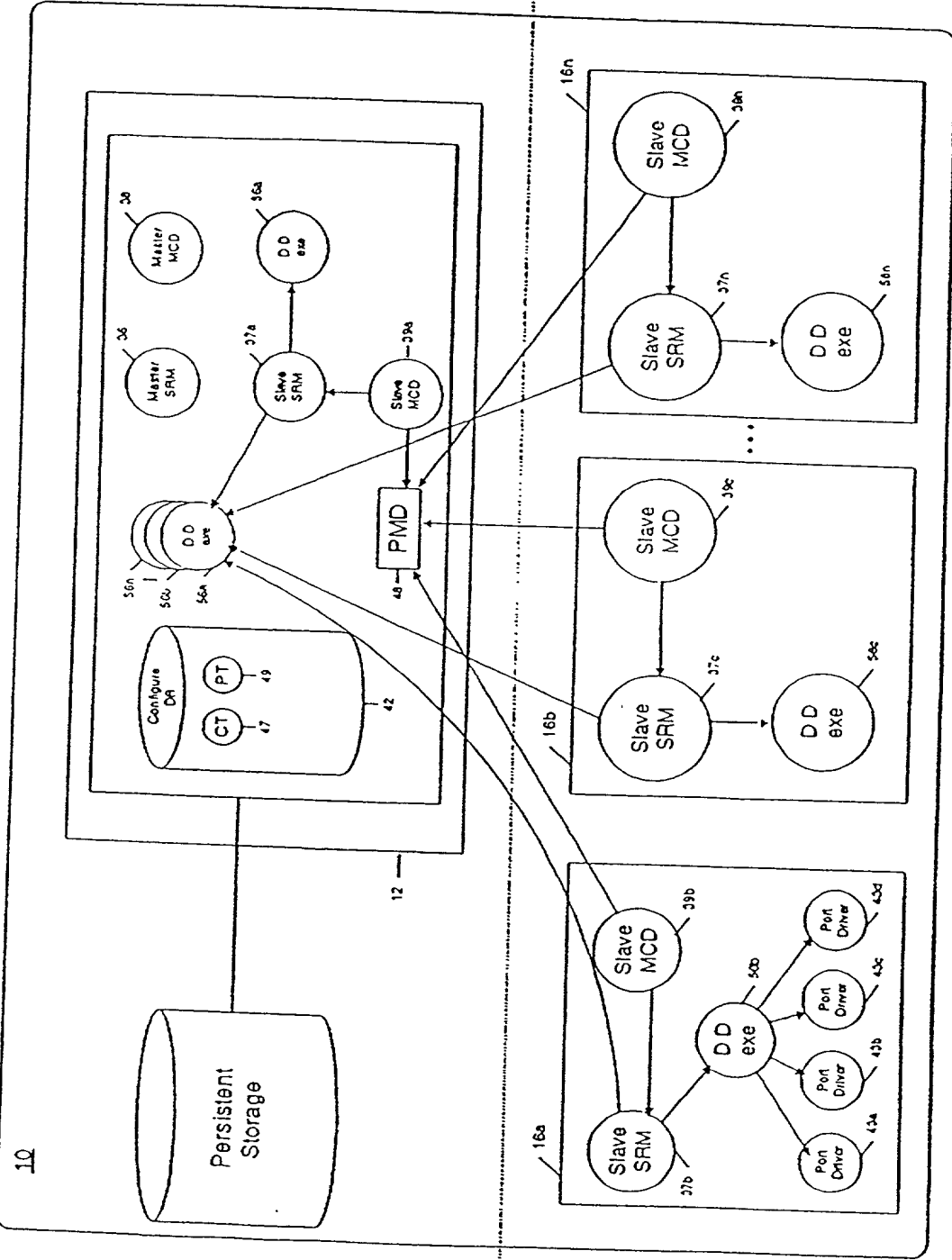
FIG. 12b

# PORT TABLE

	PID	PORT TYPE	VERSION NO.	SLOT NO.	...
44a	1500	00620	1	1	
44b	1501	00620	1	1	
44c	1502	00620	1	1	
44d	1503	00620	1	1	
44a	1504	00820			
46a	:	:	:	:	:
	1600	00620	1	8	
	:	:	:	:	:

FIG. 12c

FIG. 13a



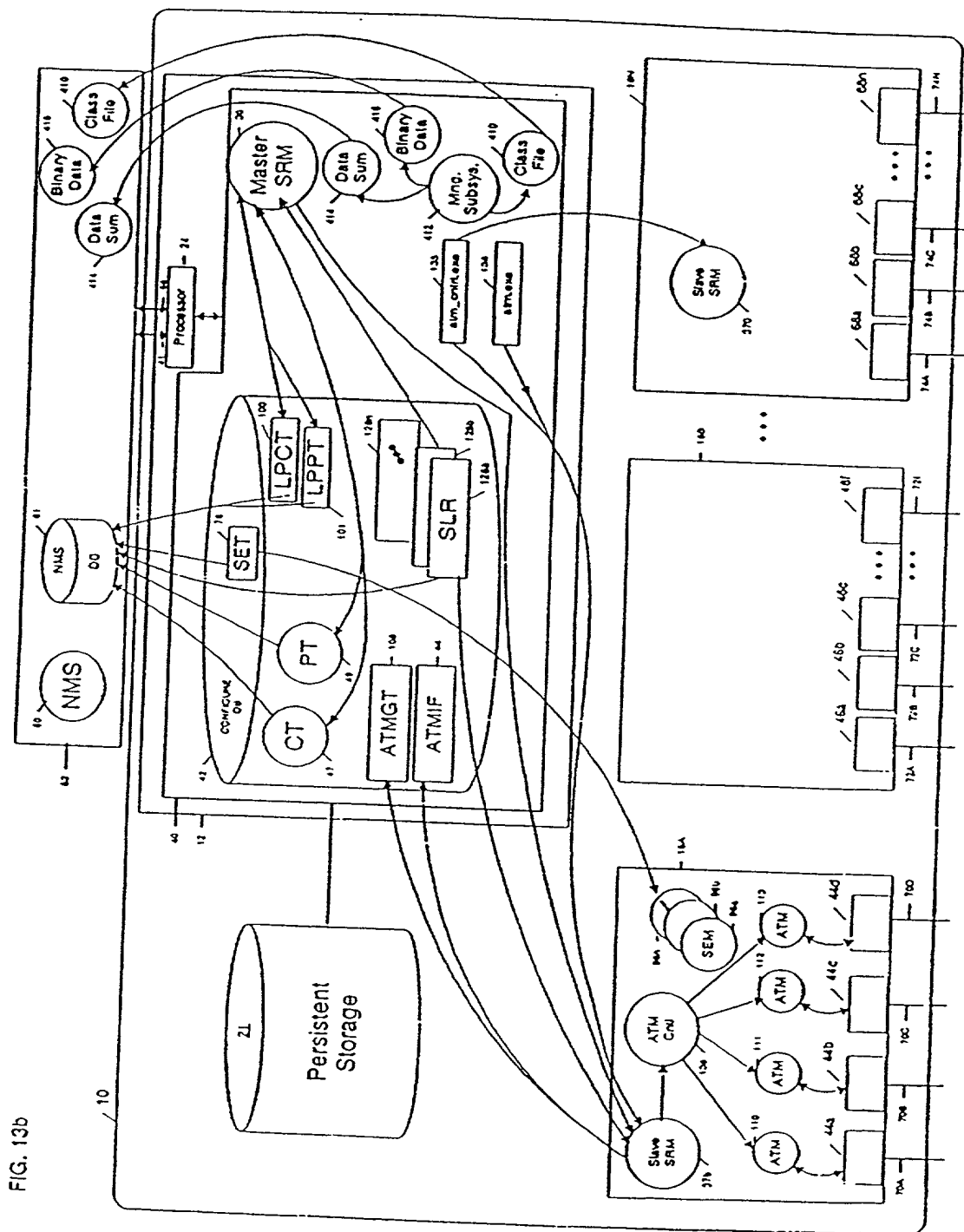


Fig. 13c

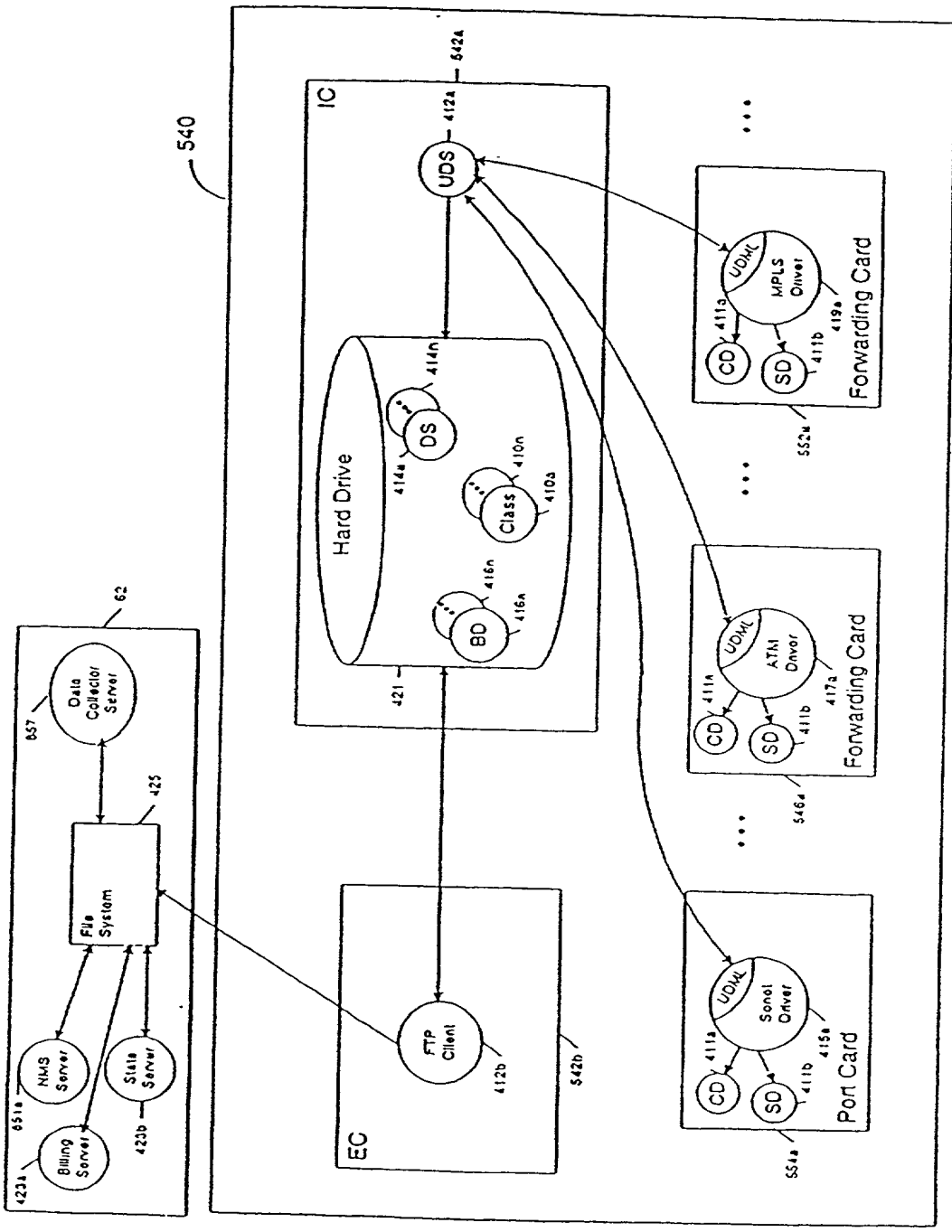




Fig. 13d

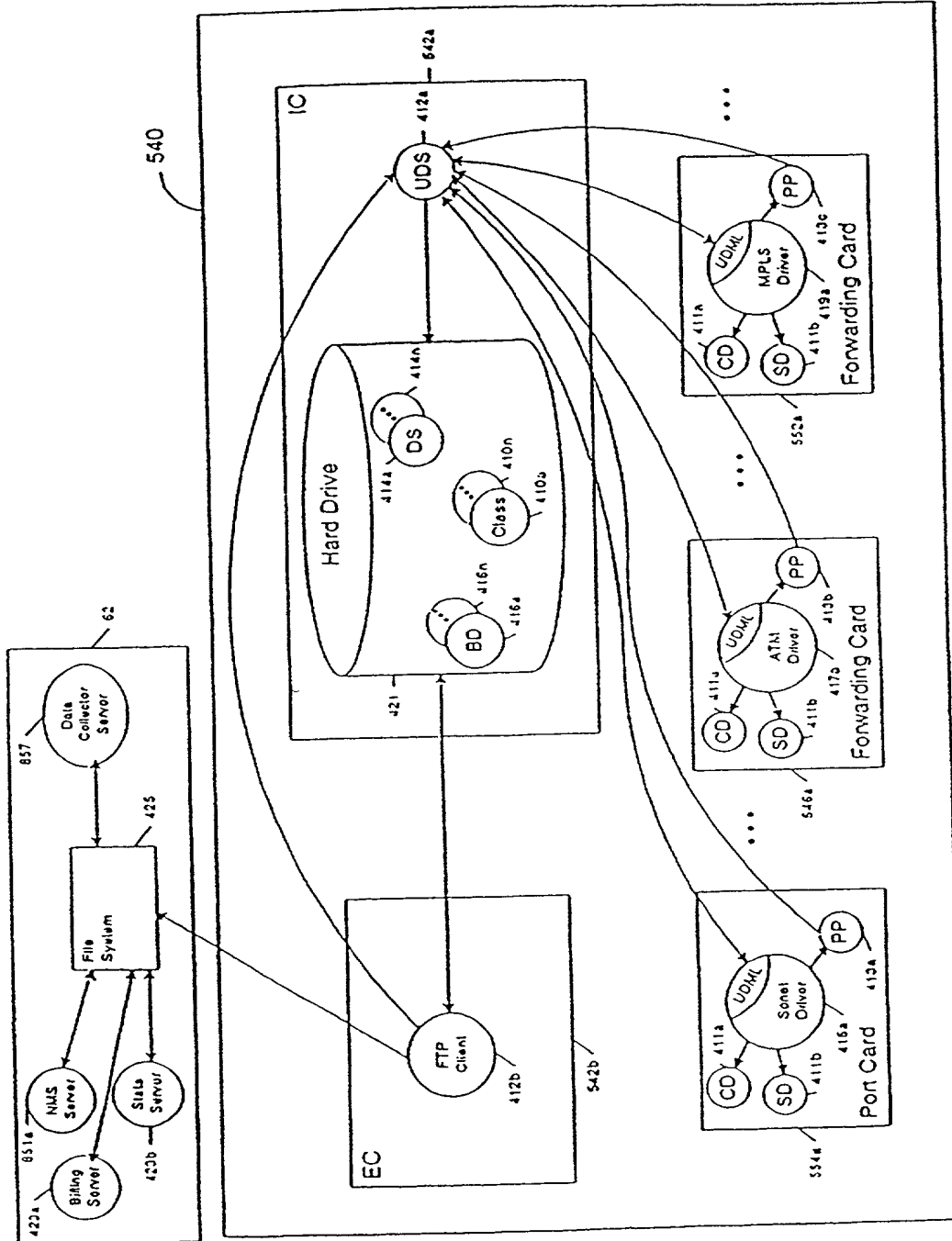


FIG. 14a

Service Endpoint Table 76

	Service Endpoint #	Port PID
78	1	1500
80	2	1501
82	3	1501
84	4	1501
86	5	1502
88	6	1502
90	7	1503
92	8	1503
94	9	1503
168	10	1502
	⋮	⋮

FIG. 14b

Logical to Physical Card Table 100

	98 LID	102 Primary PID	104 Back-up PID
106	30	500	513
109	31	501	513
	⋮	⋮	⋮

FIG. 14c

Logical to Physical Port Table 101

	98 LID	102 Primary PID	104 Back-up PID
107	40	1500	1600
	⋮	⋮	⋮

FIG. 14d

ATM Group Table 108

Group #	Card LID	...
1	30	
2	30	
3	30	
4	30	

FIG. 14e

ATM Interface Table 114

ATM IF	ATM Group	SE	...
1	1	1	
2	1	1	
3	1	1	
4	2	2	
5	2	3	
6	2	4	
...	...	...	...
12	3	10	
...	...	...	...

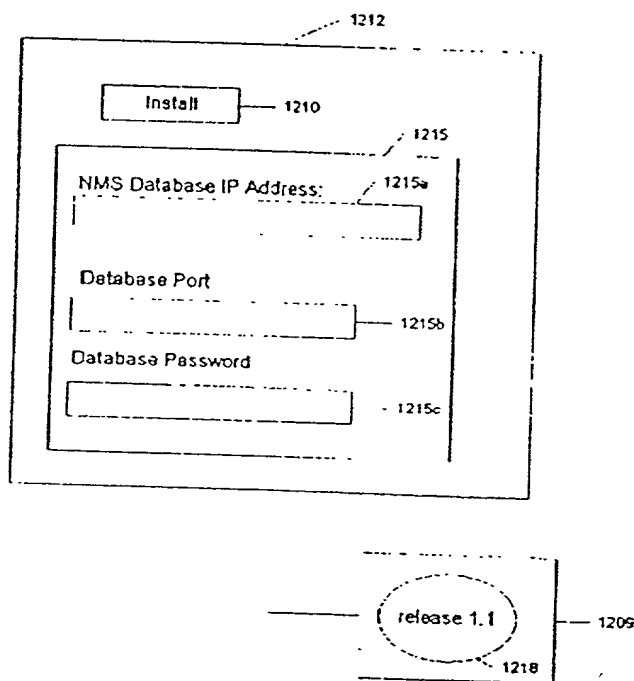
170

FIG. 14f

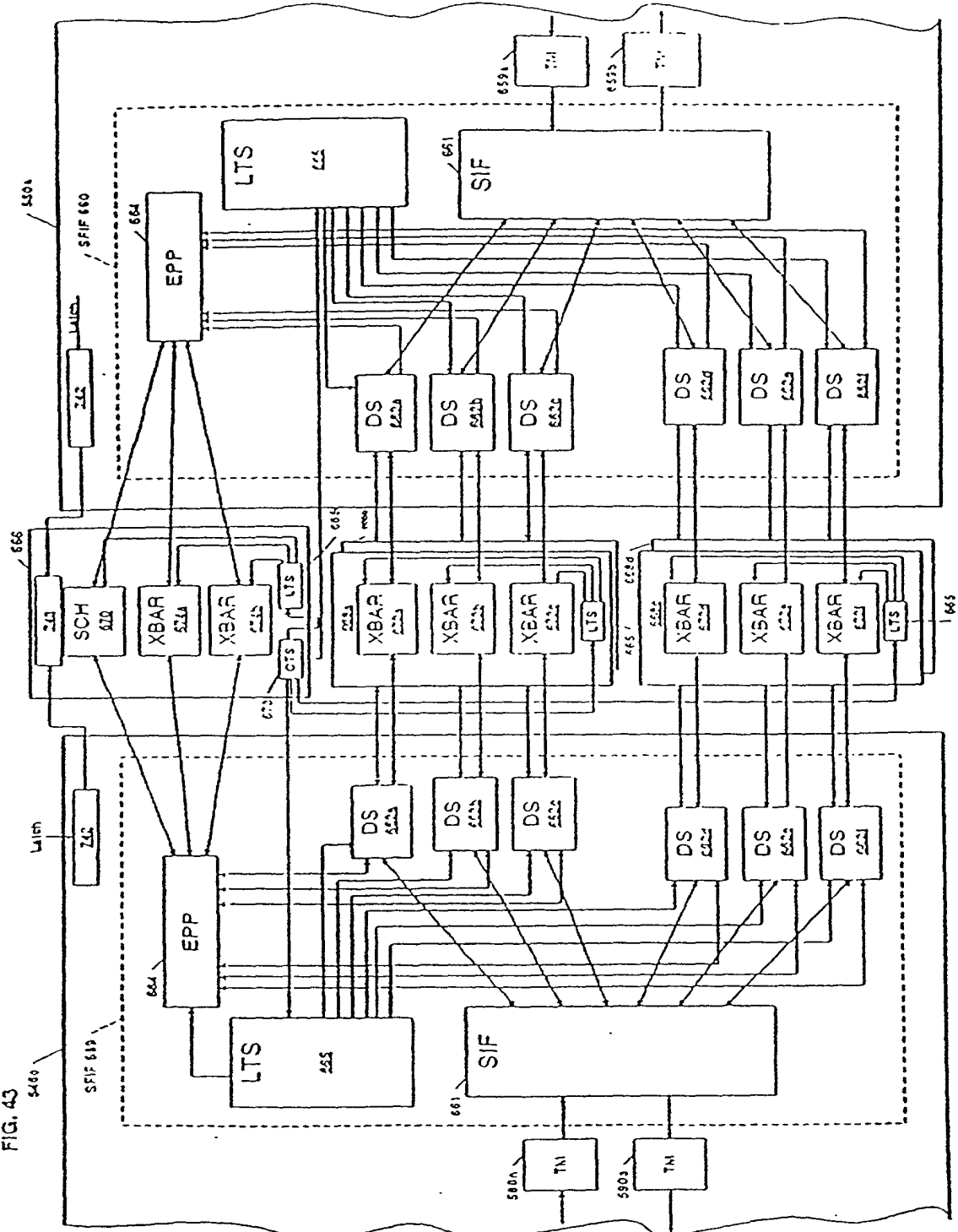
Software Load Record 128a

130	Control Shim	LID	132
134	atm-cntrl.exe	30	

Fig. 20e



0975



540

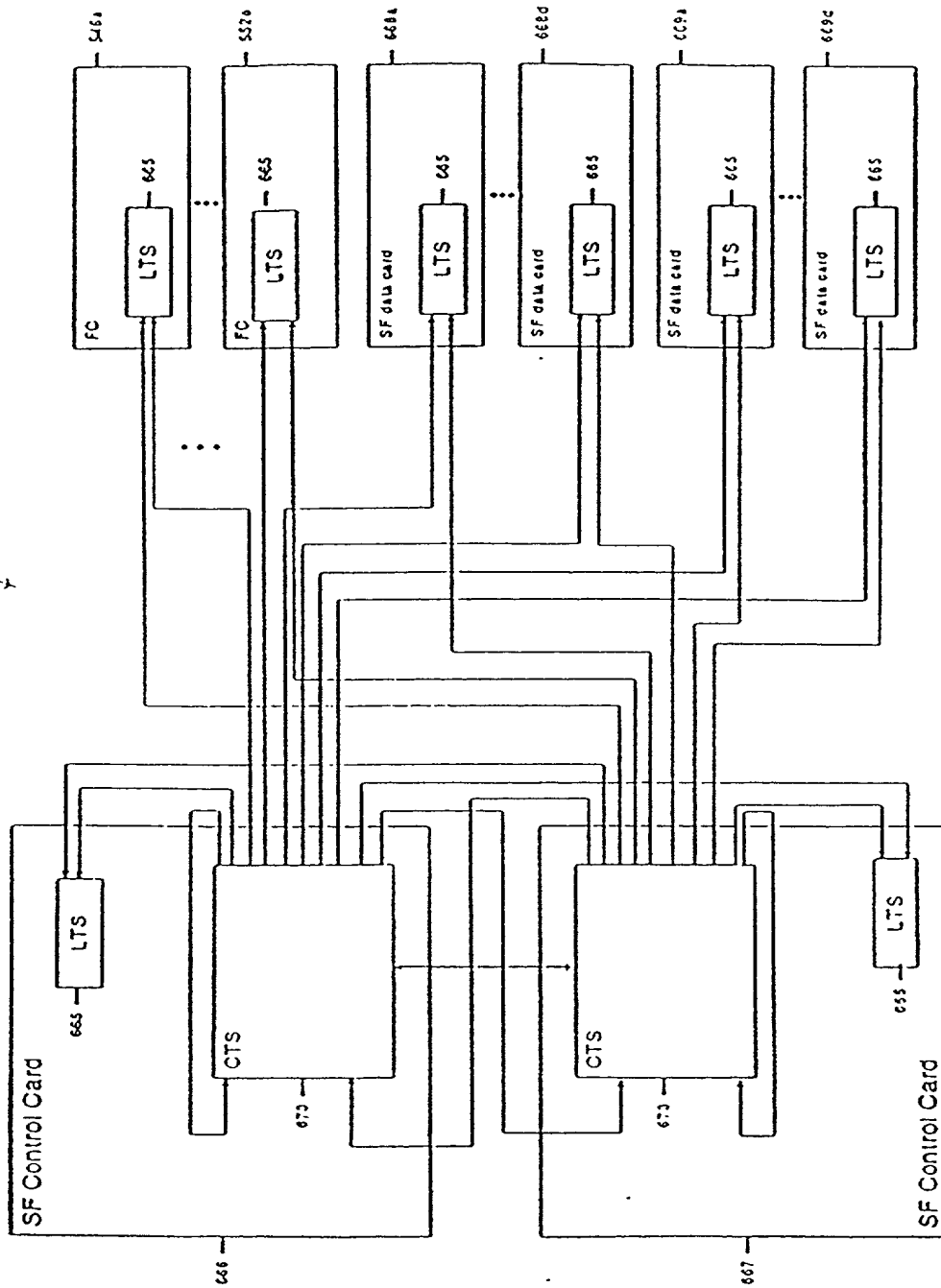
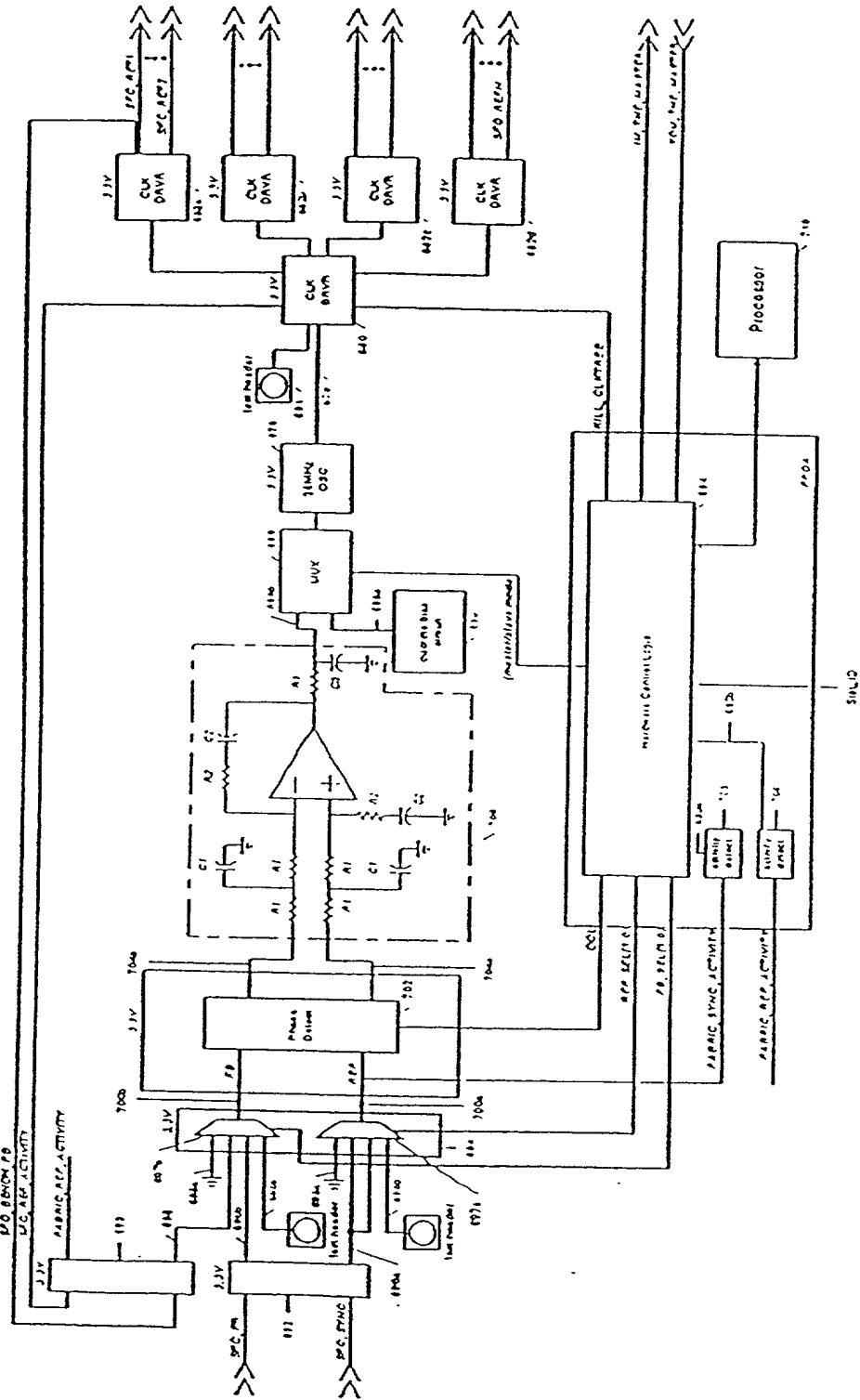


FIG. 44



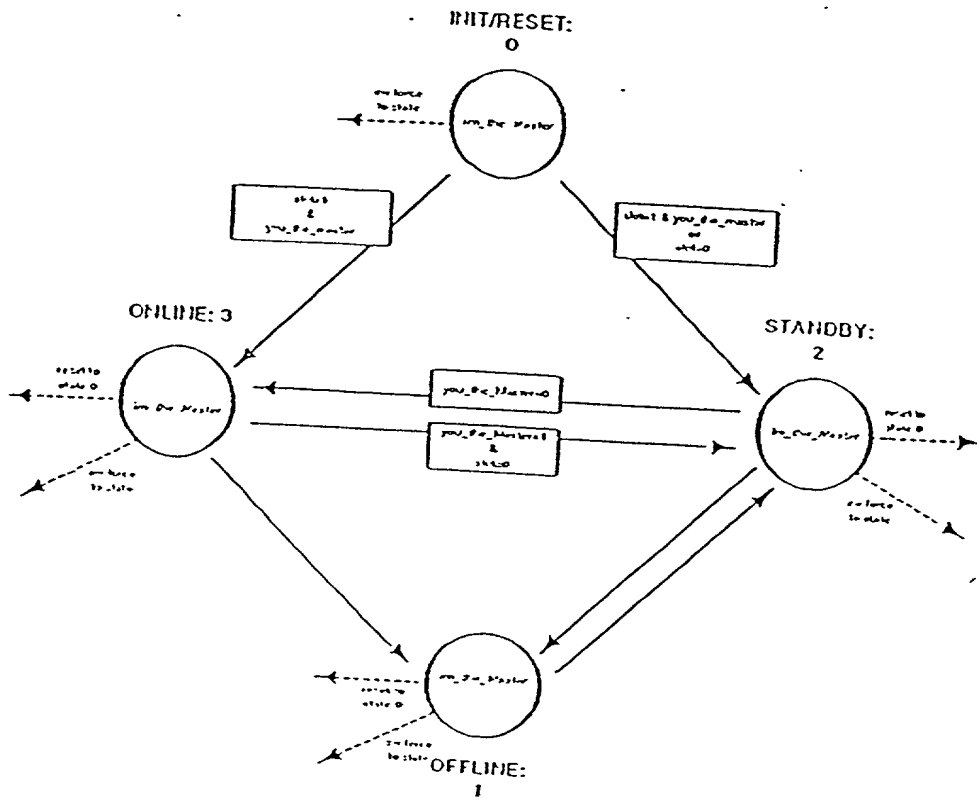


FIG. 46



665

LTS

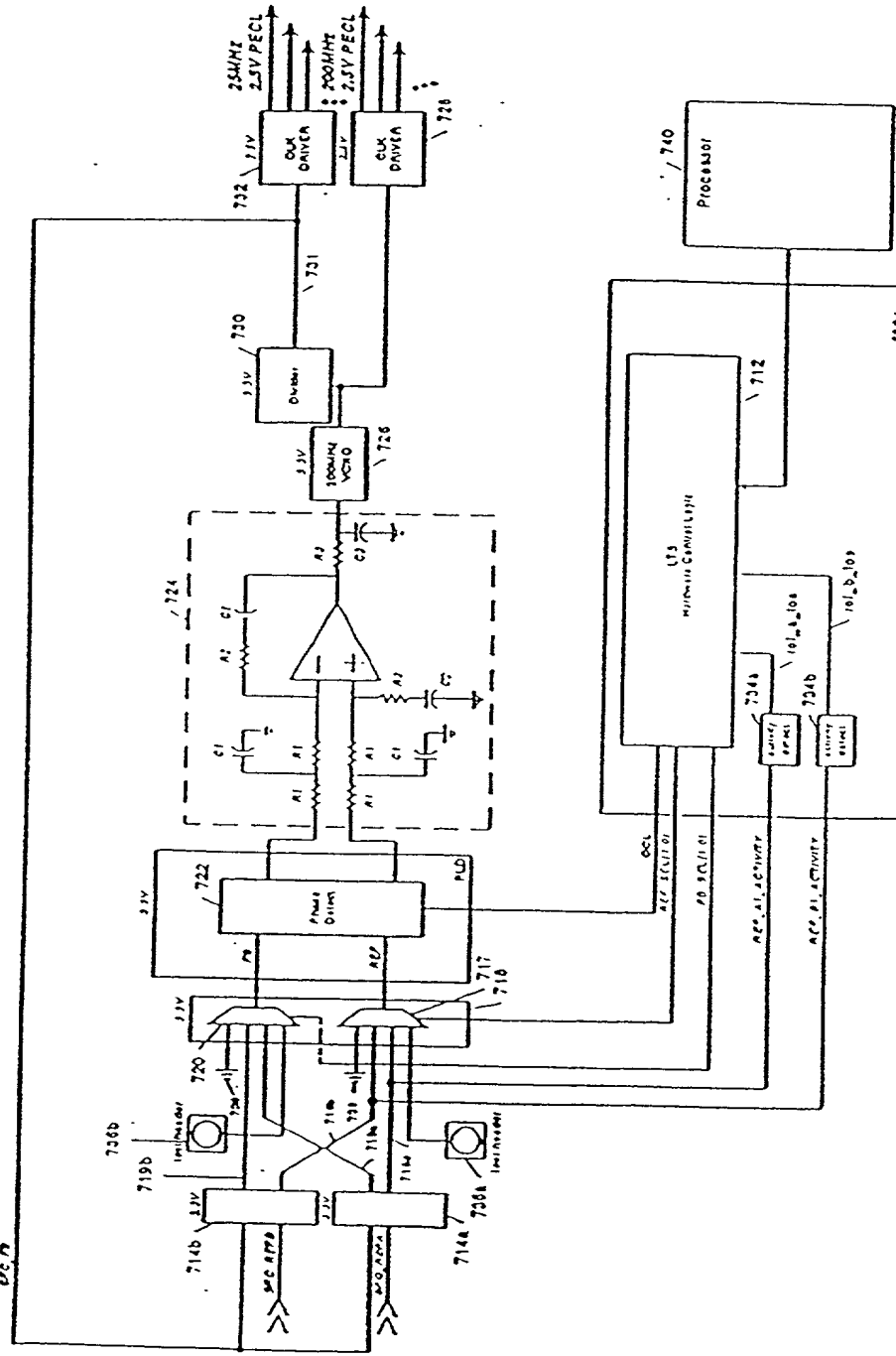


FIG. 47

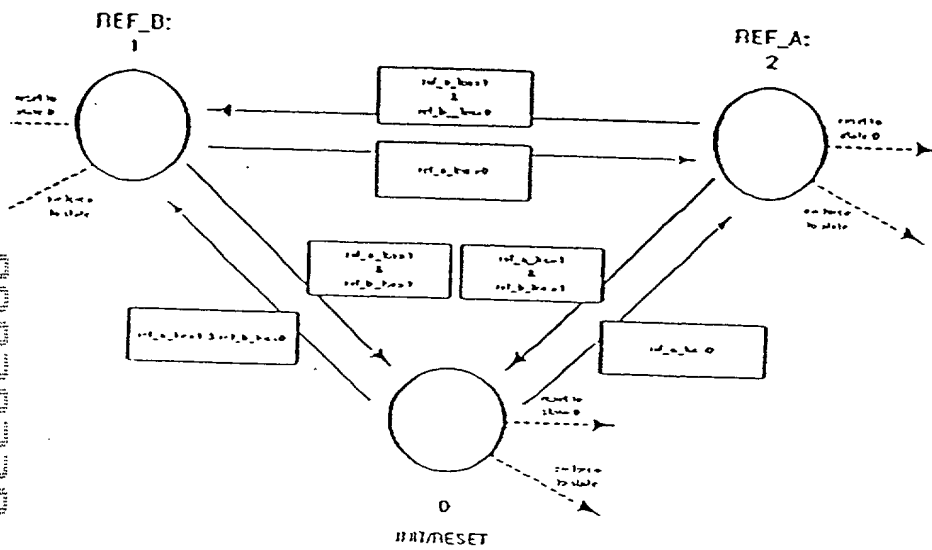


FIG. 4B

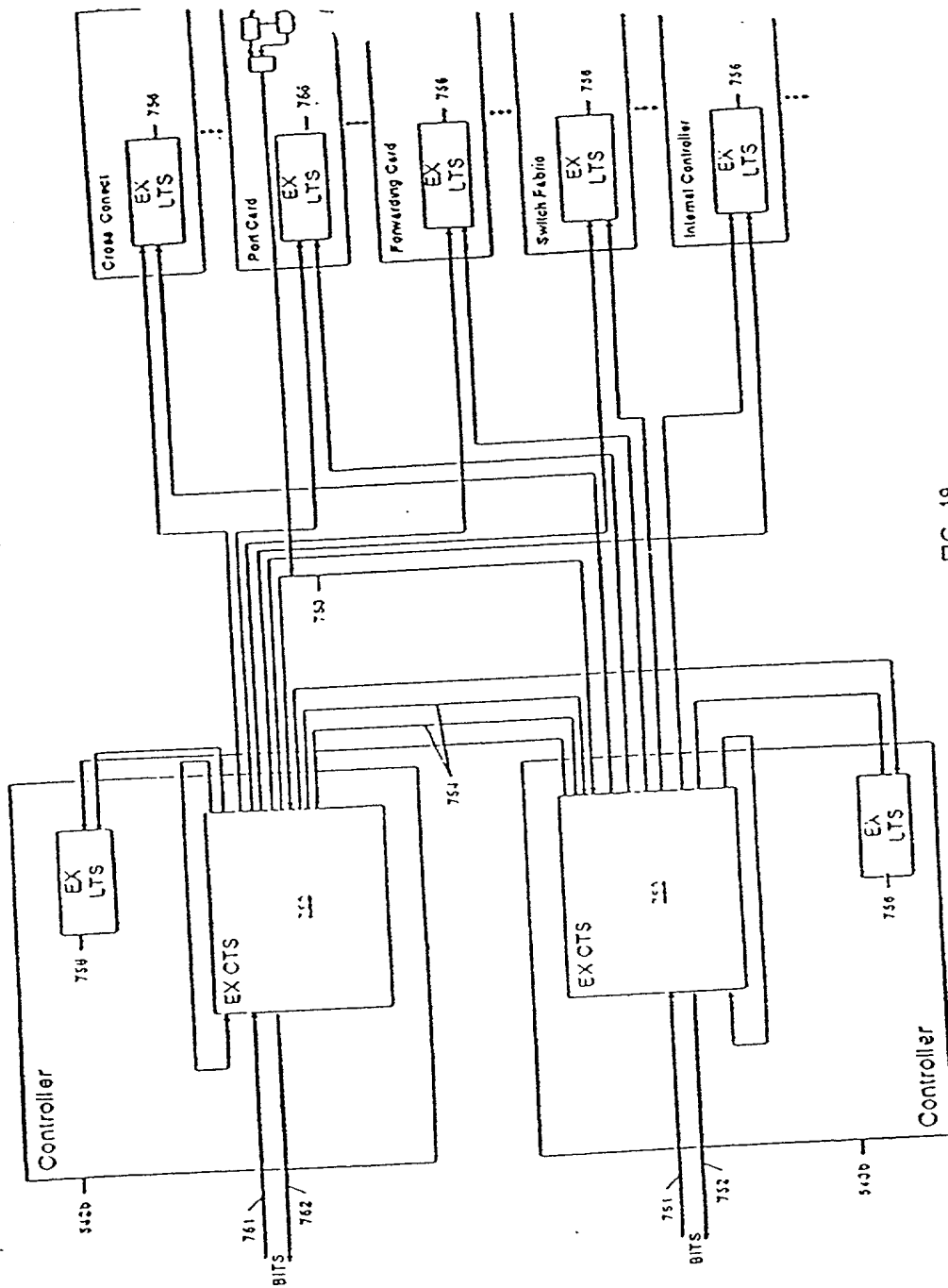
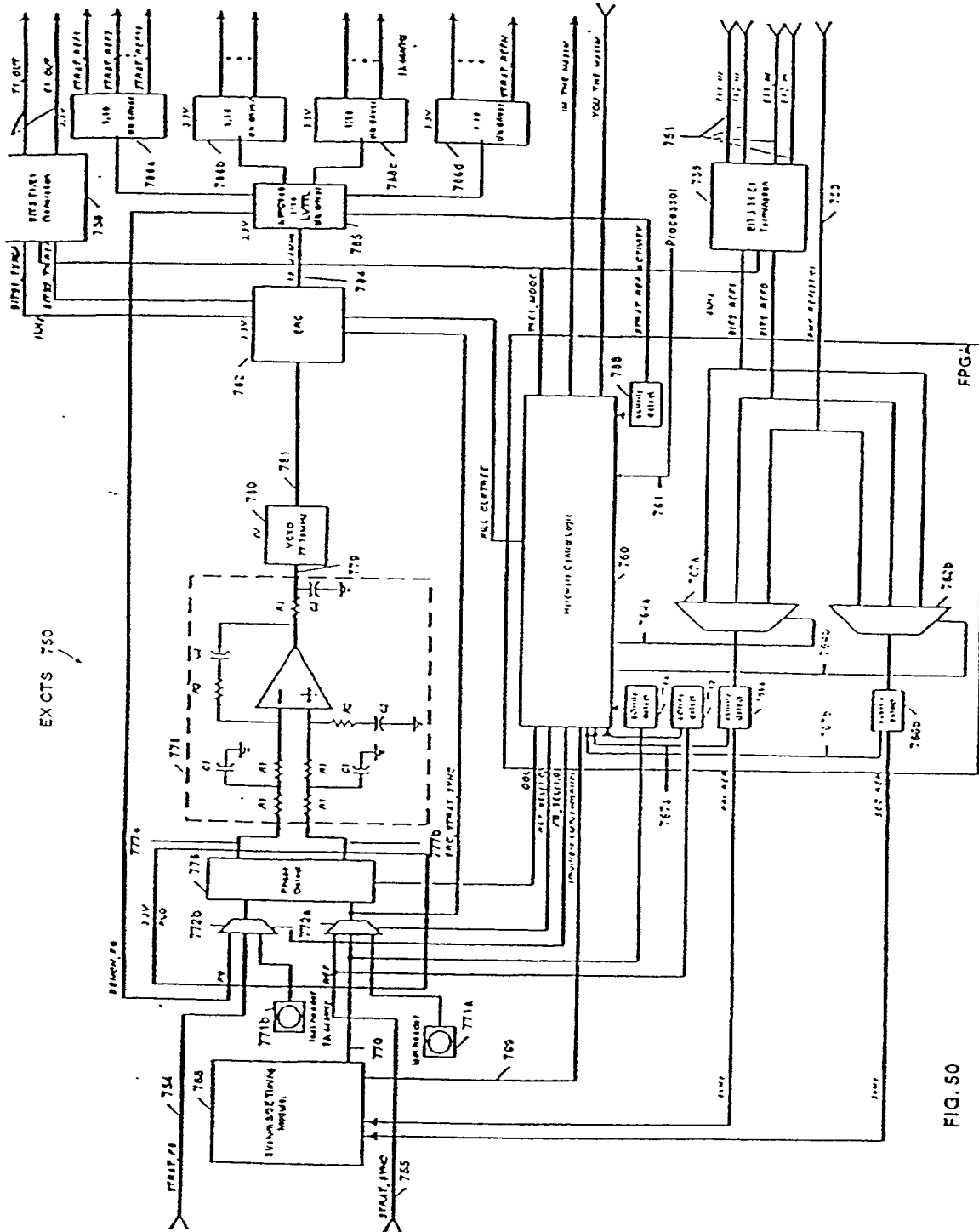


FIG. 49



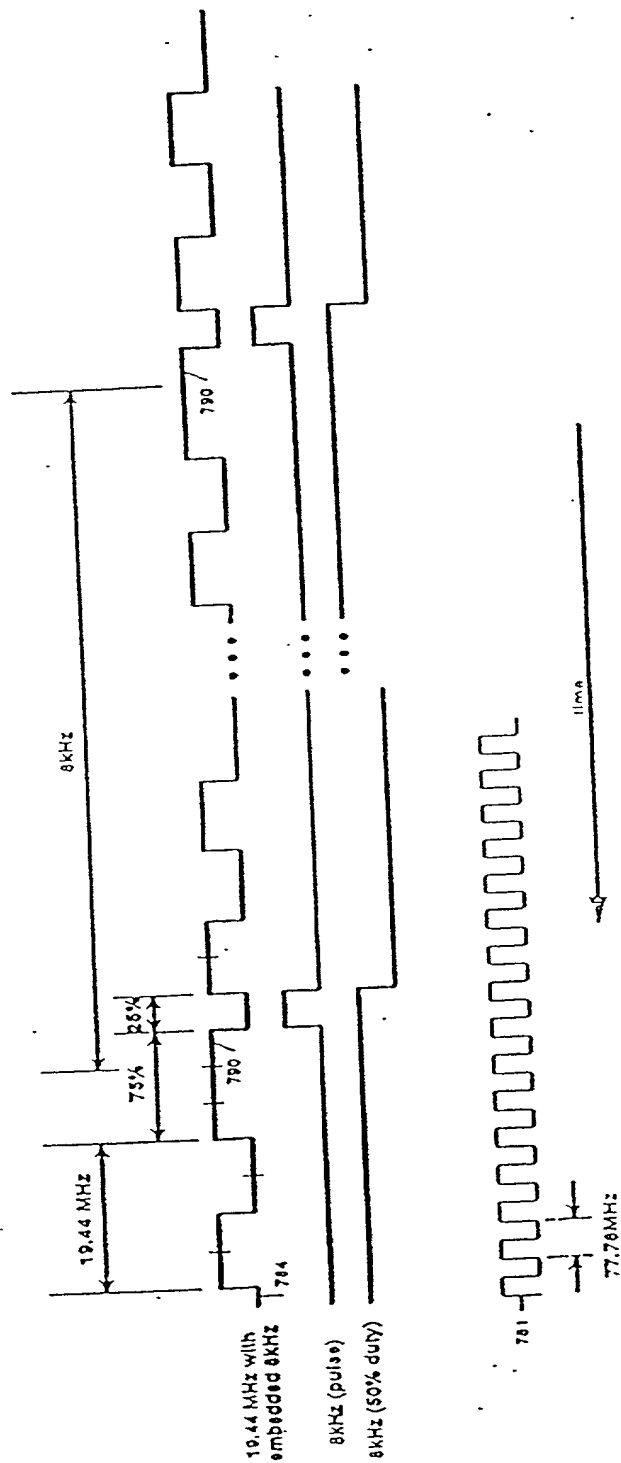


FIG. 51

792

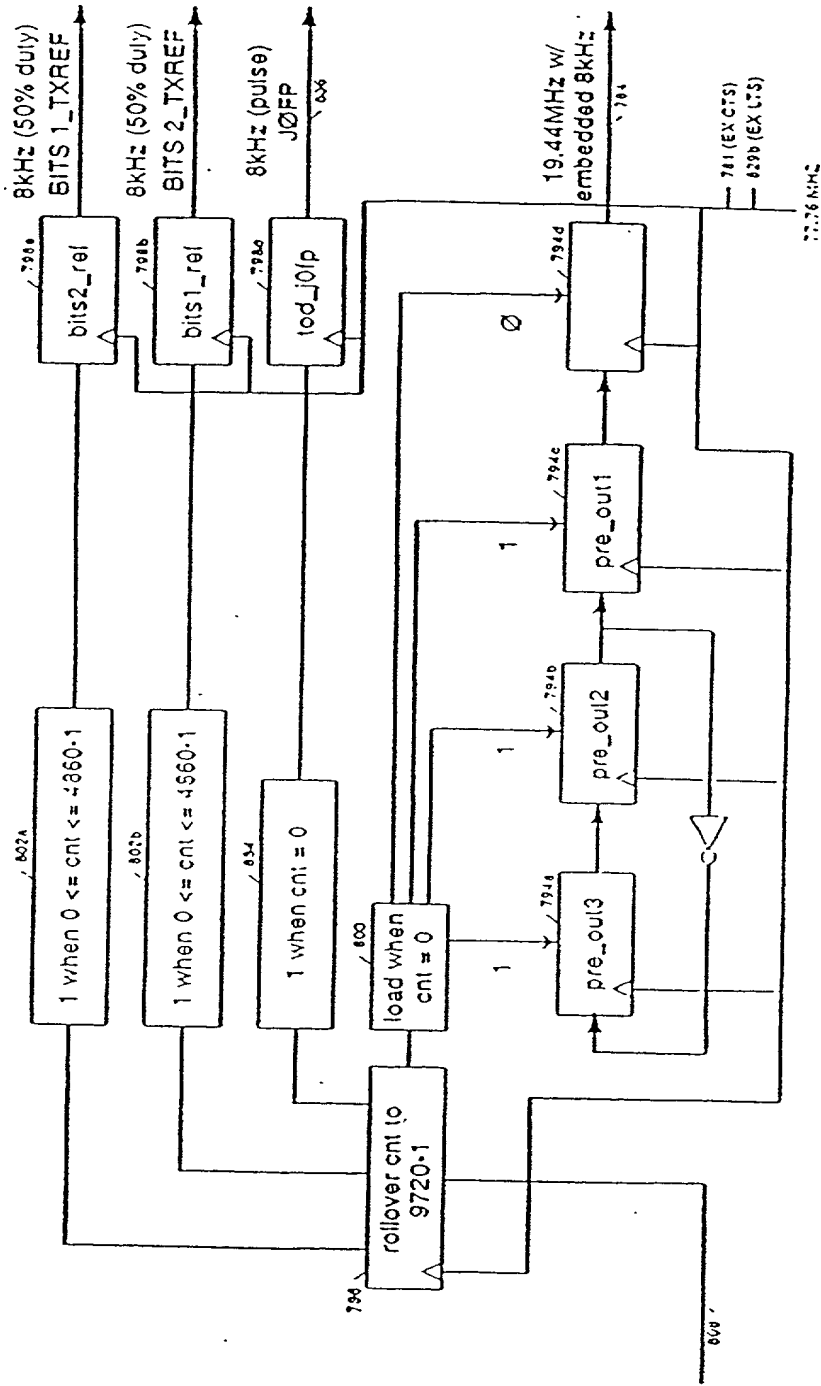


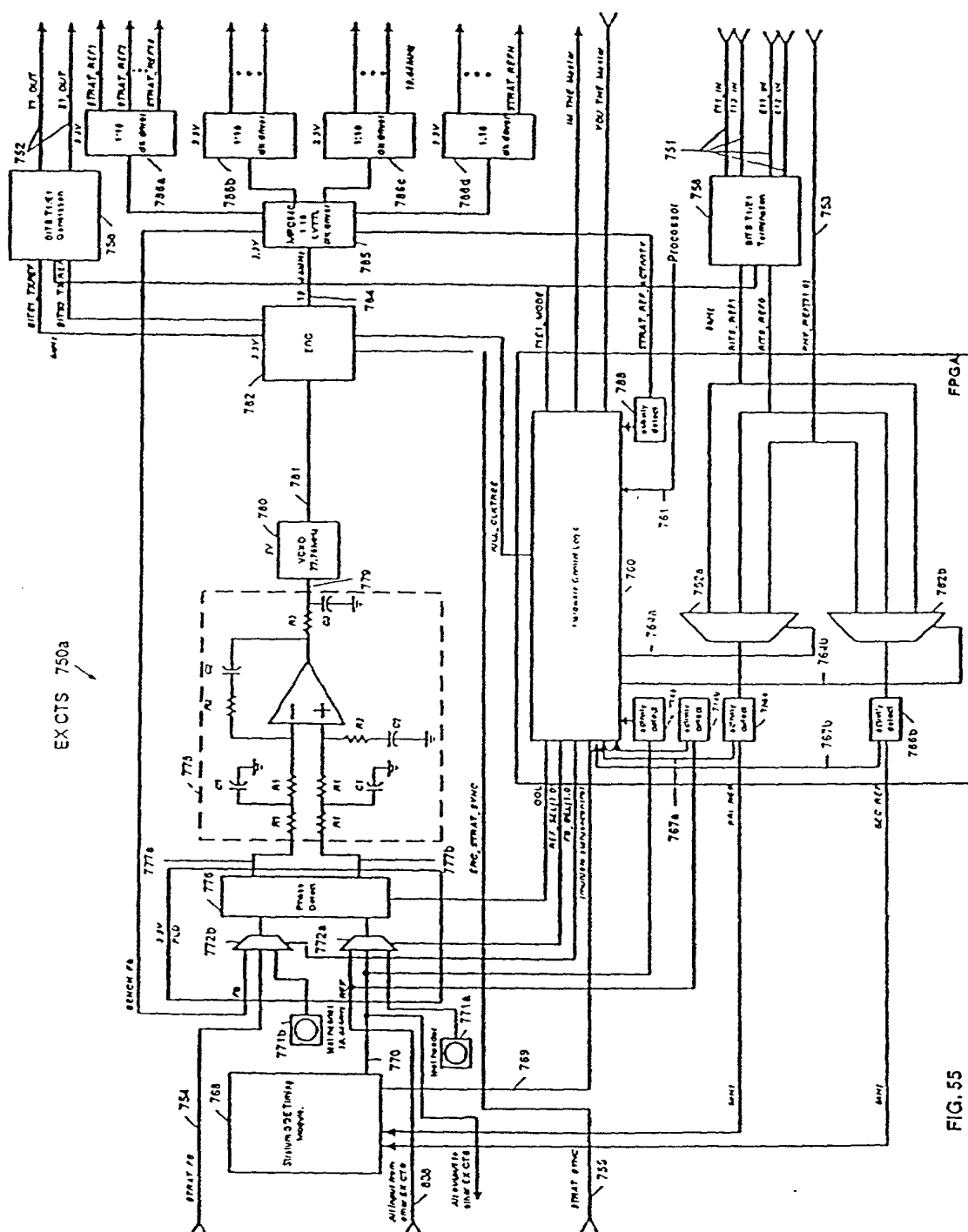
Fig. 52





5.6/3





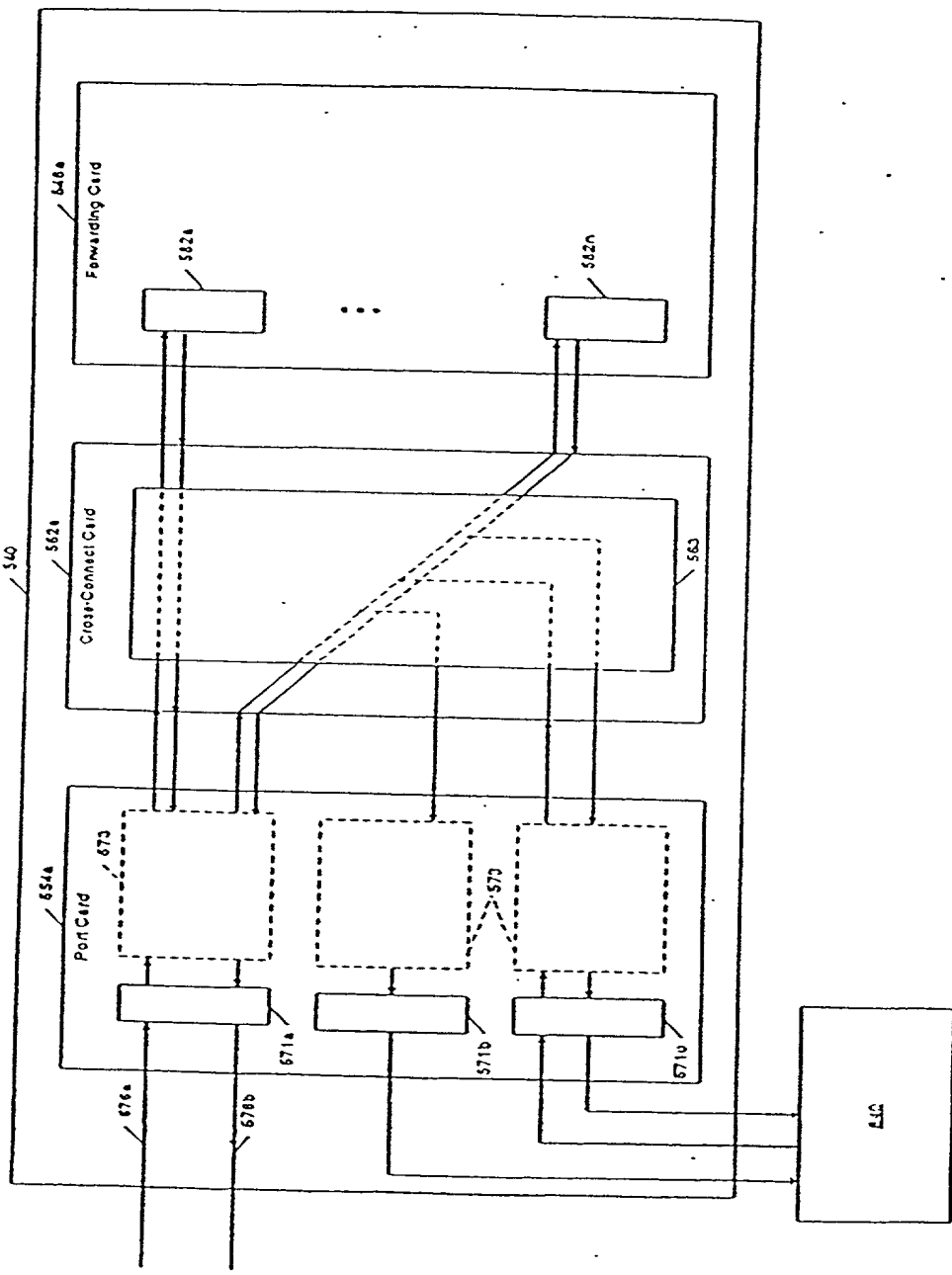


Fig. 56

FIG. 57

The diagram illustrates a network management system architecture. At the top, a **Processor** (40) is connected to a **Test Path Table** (641) and a **Configure DB** (42). The **Configure DB** (42) is also connected to a **PP** (603) and a **SET** (601). The **PP** (603) is connected to a **PPM** (699). The **SET** (601) is connected to a **CCM** (605) and a **SEM** (981). The **CCM** (605) is connected to a **Conn Pr Table** (601) and a **TSE** (553). The **Conn Pr Table** (601) is connected to a **Path Manager** (597). The **Path Manager** (597) is connected to a **Persistent Storage** (21). The **Persistent Storage** (21) is connected to a **NMS** (60) and a **NMS DB** (61). The **NMS** (60) and **NMS DB** (61) are connected to the **Processor** (40). The **Processor** (40) is also connected to a **Forwarding Card** (546) and a **Cross-Connection Card** (562). The **Forwarding Card** (546) is connected to the **SEM** (981). The **Cross-Connection Card** (562) is connected to the **CCM** (605) and the **TSE** (553). The **Universal Port Card** (544) is connected to the **Path Manager** (597).

FIG. 58

Test Path Table 841

Path LID	UP Port LID	Time Slot	# of Time Slots	Monitor	Enable Port Receiver	...
842	1666	1232	4	Ingress	No	
843	1666	1233	4	Egress	No	
844	1666	1233	4	Ingress	Yes	
...	...	...	...			...

Fig. 60a

### Managed Device Table

PID	A1	...	An
1			

983b points to the first row. 983 points to the header row. 983a points to the first column.

Fig. 60b

### Chassis Table

PID	A1	...	An	Managed Device PID
1				1
⋮	⋮	⋮	⋮	⋮

988b points to the first row. 988c points to the header row. 988 points to the last column. 988a points to the first row of the last column.

Fig. 60c

### Shelf Table

PID	A1	...	An	Chassis PID
3				2
4				2
⋮	⋮	⋮	⋮	⋮
18				2

989a points to the first row. 989 points to the header row. 989b points to the last column.

Fig. 60d

### Slot Table

PID	A1	...	An	Shelf PID
20				3
21				3
⋮	⋮	⋮	⋮	⋮
116				18

990a points to the first row. 990 points to the header row. 990b points to the last column. 990c points to the first row of the first column. 990d points to the last row of the first column.

Oct-9-00 14PM

781 795 2031

By: Equipe Communications

# CARD TABLE

47a		47b		47c	
PID	CWD TYPE	VERSION NO.	SLOT	PID	...
120	0XF002	3	20		
121	0XF002	4	21		
⋮	⋮	⋮	⋮	⋮	⋮
124	0X6002	1	24		
⋮	⋮	⋮	⋮	⋮	⋮
131	0XF002	1	31		
⋮	⋮	⋮	⋮	⋮	⋮

FIG. 60c

# PORT TABLE

49a	49b			49c
	PID	PORT TYPE	VERSION NO.	CARD
	300	00620	1	20
	301	00620	1	20
	302	00620	1	20
	303	00620	1	20
	304	00820	1	20
	⋮	⋮	⋮	⋮
	400	00620	1	39
	⋮	⋮	⋮	⋮

FIG. 60f

FIG. 60g

SONET Path Table 600

600a	600b	Path LID	Port PID	Time Slot	# of Time Slots	...
		901	304	4	3	
		:	:	:	:	:
		:	:	:	:	:



FIG. 60h

Service EndPoint Table 76 "

76a	76c	76d	76e	76b		
SE LID	Q #	FC PID	FC Slice PID	FC Time Slot	Path LID	...
3000					901	
:	:	:	:	:	:	:
:	:	:	:	:	:	:

Fig. 60i

ATM IF Table

114a ATM IF LID	ATM Group LID	114b SE LID	114 <sup>1/2</sup> ...
5054		3000	...
⋮	⋮	⋮	...

Fig. 60j

Virtual ATM IF Table

LID	A1	...	An	ATM IF LID
7489				5054
⋮	⋮	⋮	⋮	⋮

Fig. 60k

Virtual Connection Table

LID	A1	...	An	Vir. ATM IF LID
⋮	⋮	⋮	⋮	⋮

Fig. 60L

Virtual Link Table

LID	A1	...	An	Vir. Conn. LID	Cross-Conn. LID
⋮	⋮	⋮	⋮	⋮	⋮

Fig. 60m

Cross-Connect Table

LID	A1	...	An	Vir. Link1 LID	Vir. Link2 LID
⋮	⋮	⋮	⋮	⋮	⋮

Fig. 61a

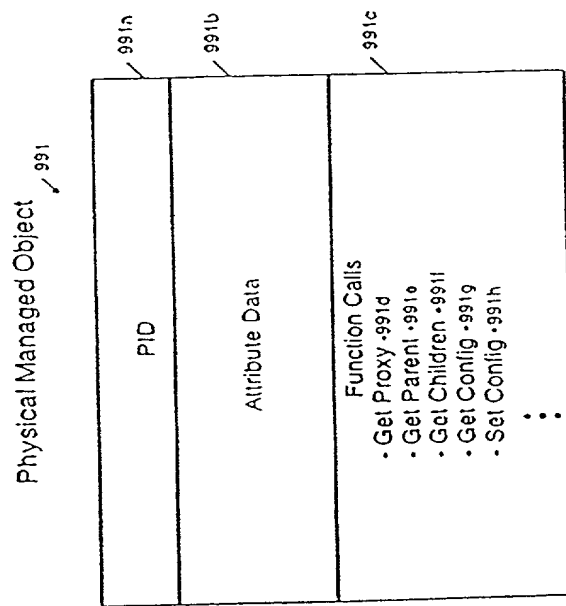


Fig. 61b

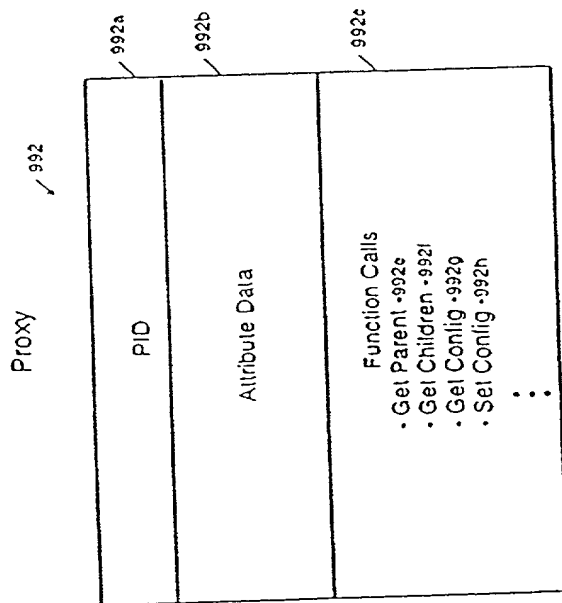
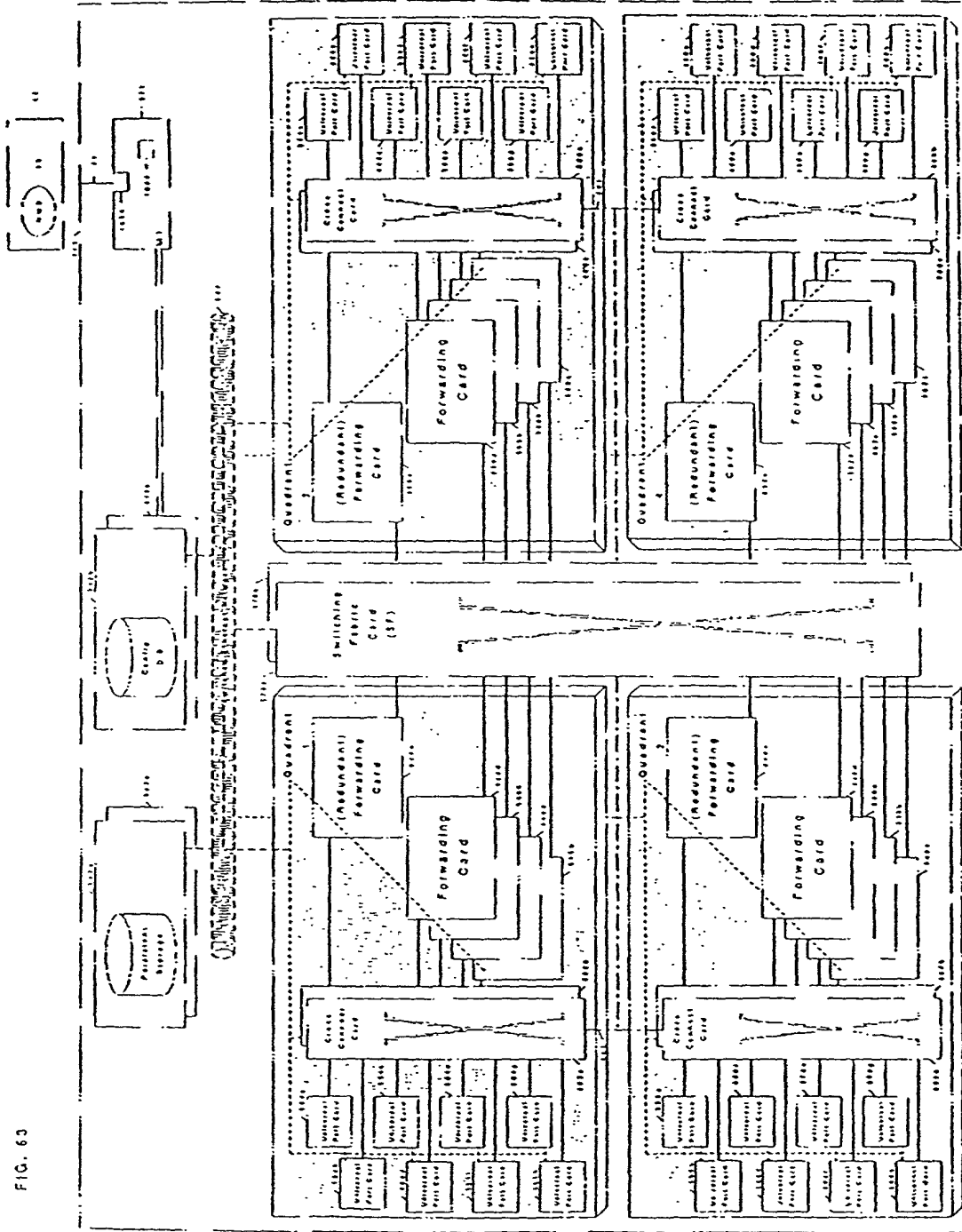




Fig. 62

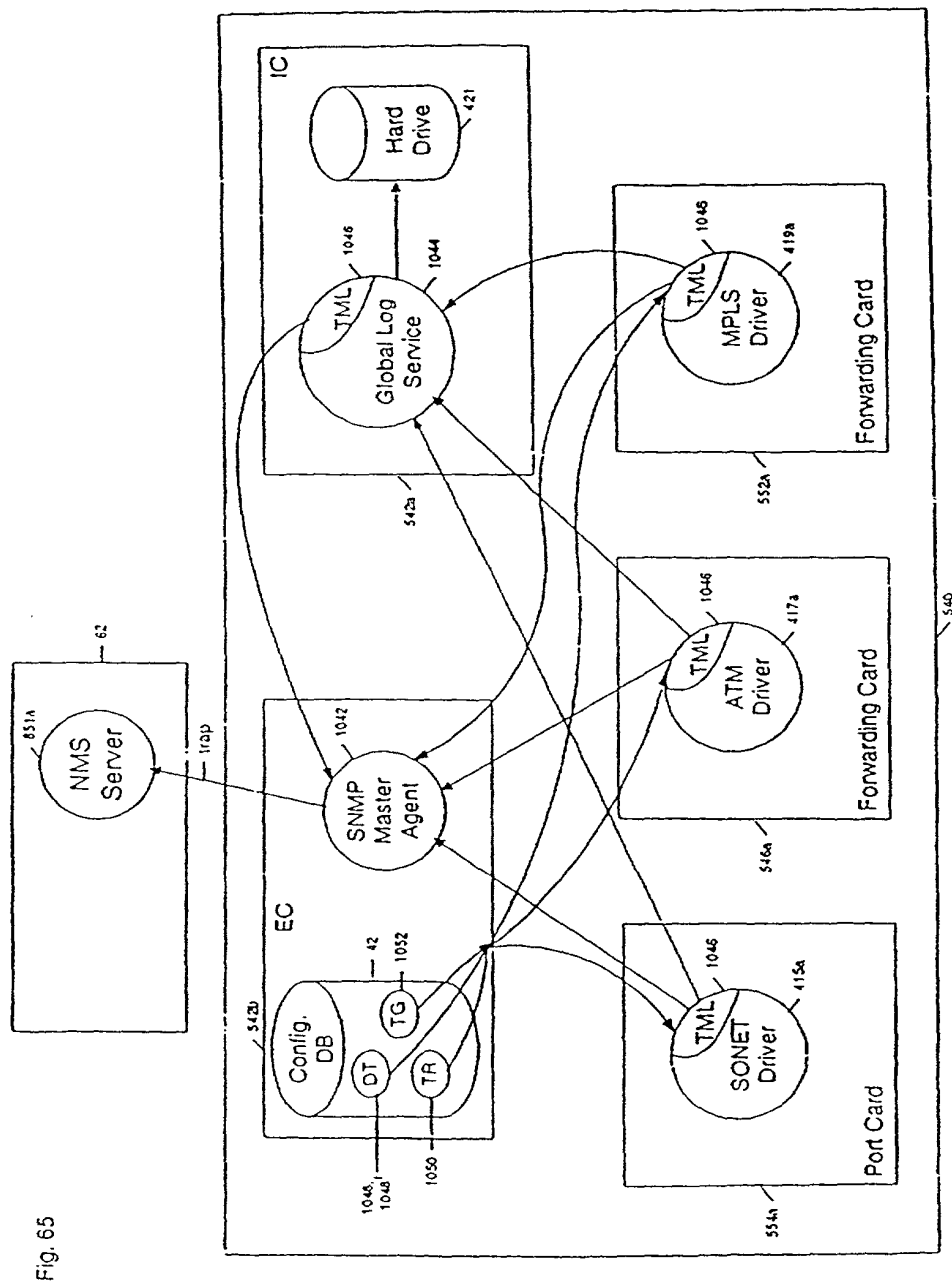
**Abstract**

[illegible]

Administration Managed Device Table

LID	Host Address	Port Address	Retry	Timeout	Admin. Password	Prov. Password	Viewer Password	Physical ID	Physical ID
9046	192.168.9.202	1521			team 1	team 2	team 3		
.	.	.	:	:	:	:	:	:	:
.	.	.	:	:	:	:	:	:	:





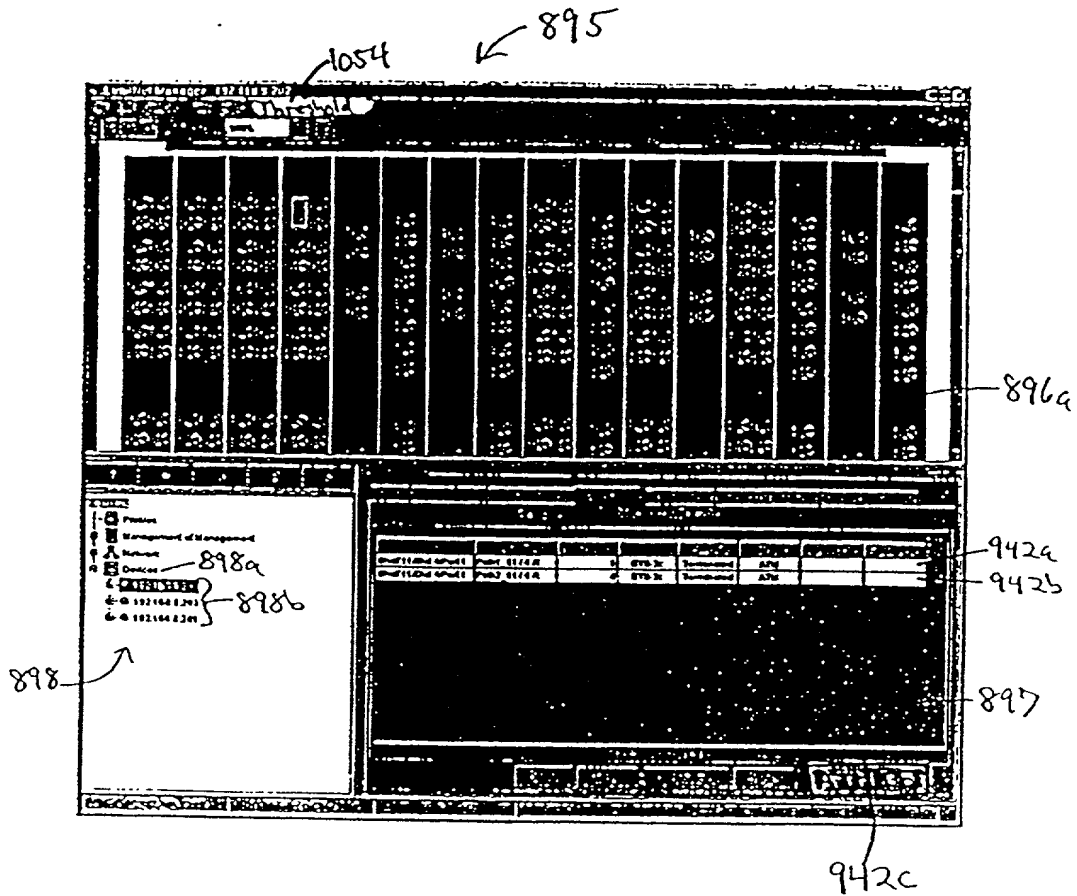


Fig. 66a

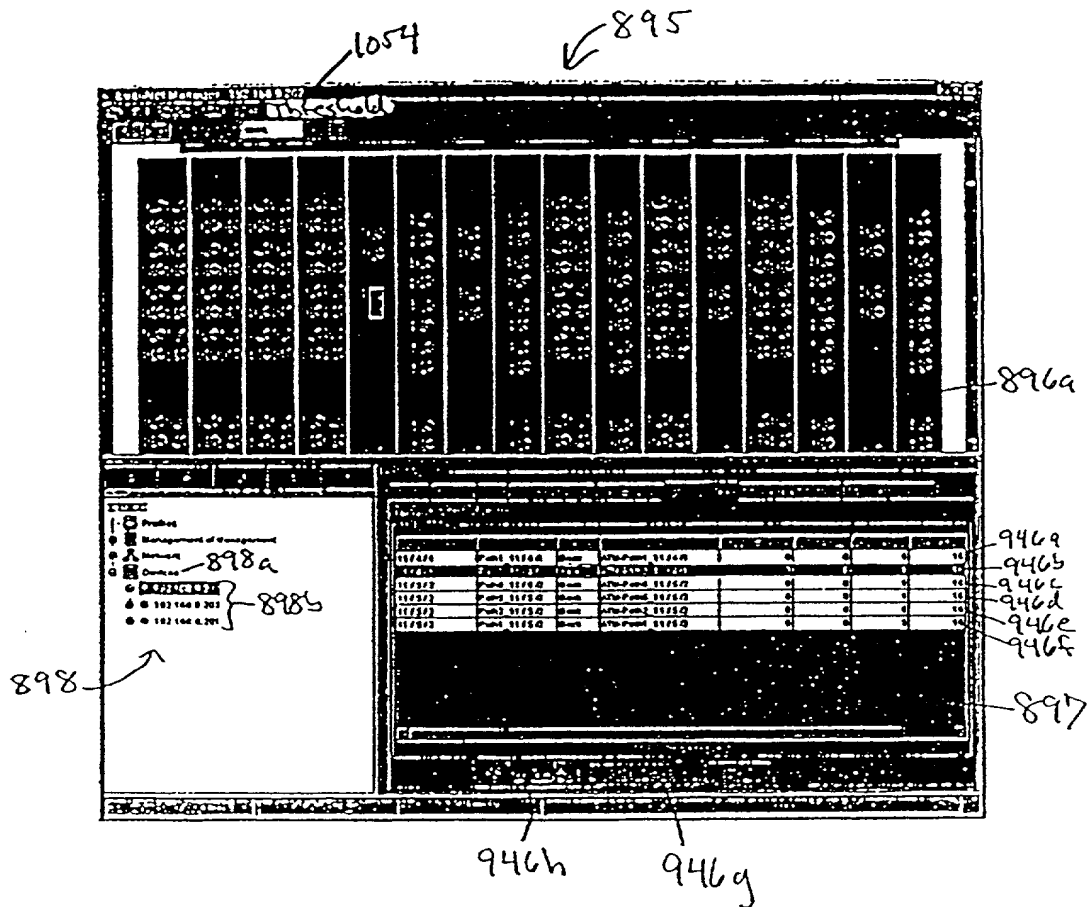


Fig. 66b

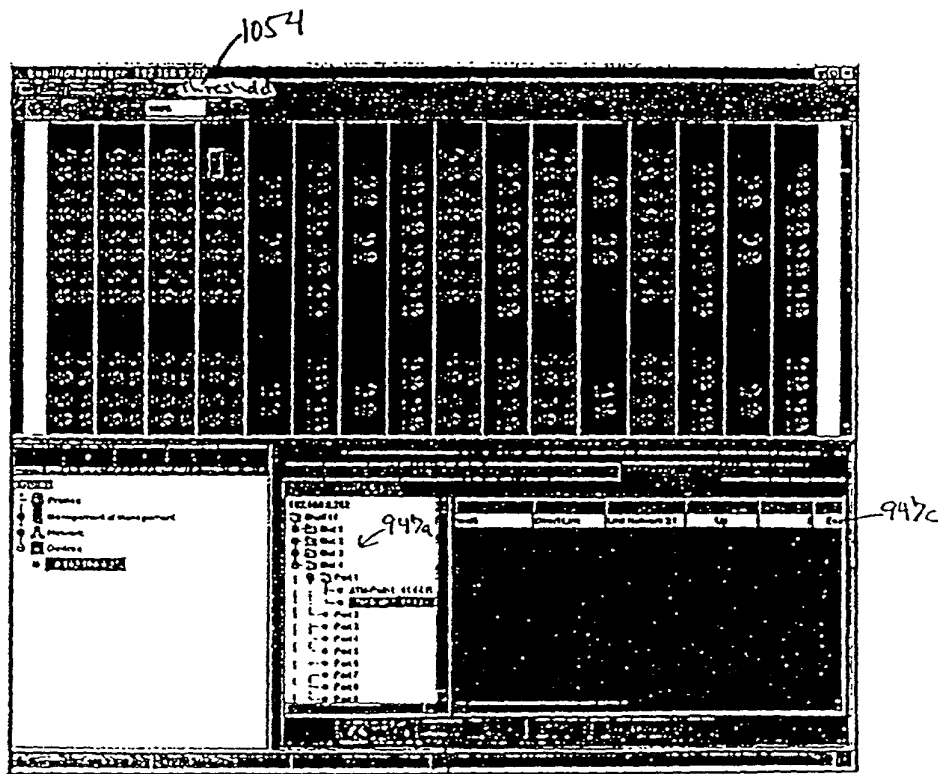
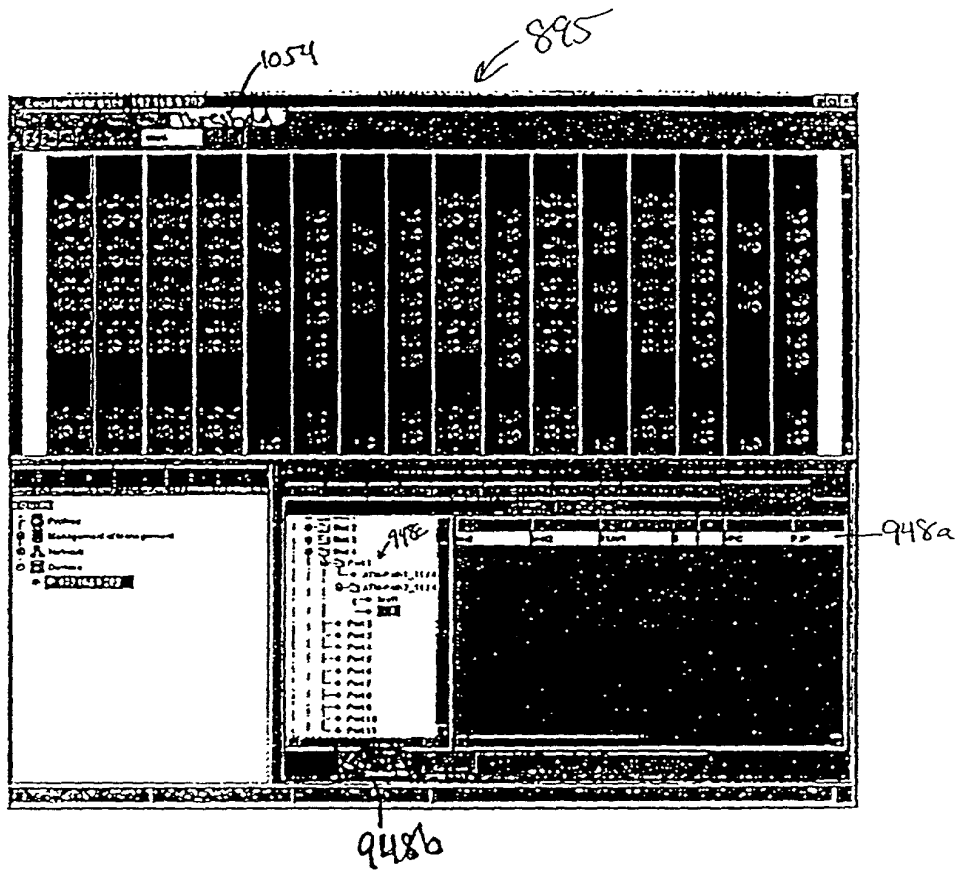


Fig. 66c



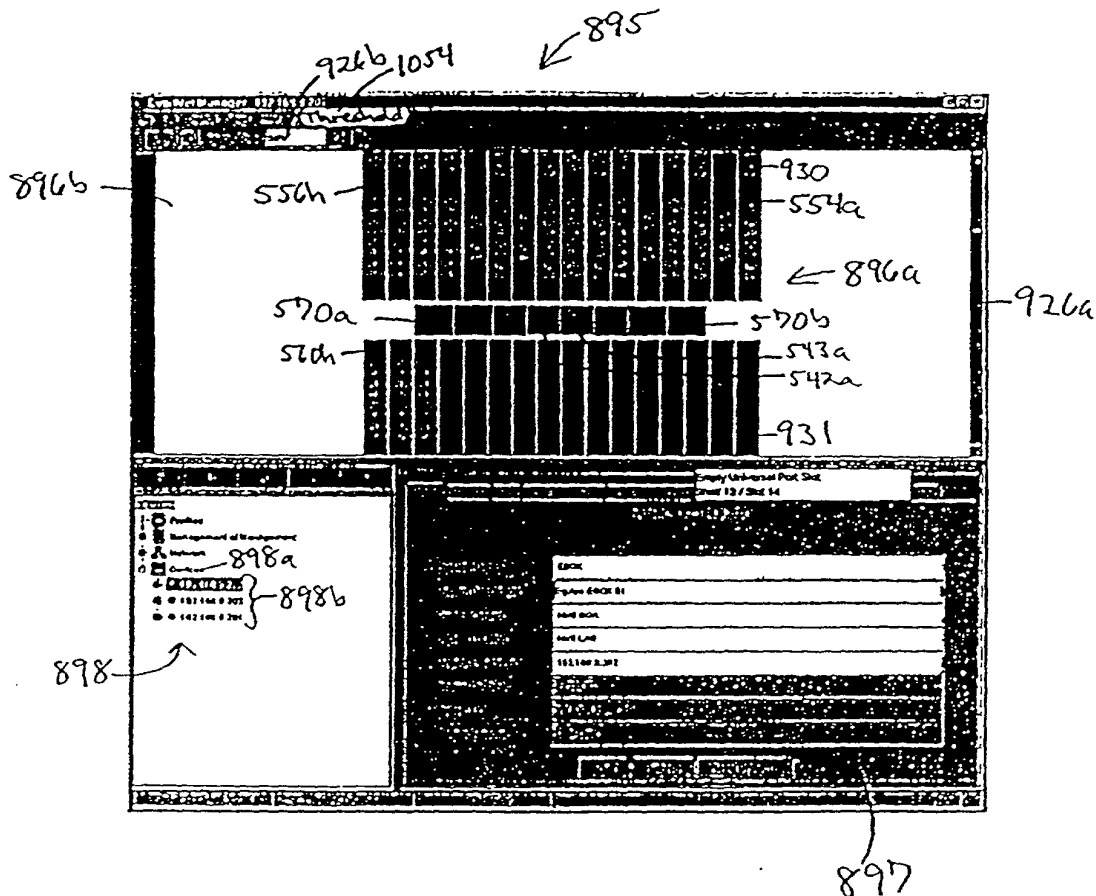


Fig. 66c

Fig. 67

1056

Threshold Dialog Box

1056a	Resource:	1056i	1056f
1056b	Attribute:		
1056c	Threshold Rule:	1056k	1056g
1056d	Sampling Frequency:	1056L	1055h
1056d	Action:	1056m	1056i

1056o ☐ Log

1056n ☐ NMS

1056p

Fig. 68

Dynamic Threshold Table

1048

	1048a Resource ID	1048c Attribute	1048d Sampling Freq.	1048e Action	1048f Rule
1048g	901	Unavailable Seconds (Path end)	15 min	Log	if attribute > 10
	901	Path Errors (path end)	15 min	trap	if attribute <5 or >10
	901	Path Errors (path end)	5 min	Log & trap	if attribute <5 or >10
	⋮	⋮	⋮	⋮	⋮
1048h	5054	failed call attempts	10 min	trap	if attribute >8 between 8:00am-7:00pm or >2 between 7:00pm-8:00am
	5054	hcs errors	12 min	trap	if attribute >13
	⋮	⋮	⋮	⋮	⋮
	7312	Rx Traffic	1 hour	trap	if attribute <4
	7312	Tx Traffic	1 hour	trap	if attribute =Ø
	⋮	⋮	⋮	⋮	⋮



Fig. 69a

Dynamic Threshold Table

1048a' Thr. Group LID	1048b' Resource	1048c' Attribute	1048d' Sampling Freq.	1048e' Action	1048f' Rule
8312	SONET Path	Unavailable Seconds (Path end)	15 min	Log	if attribute > 10
8312	SONET Path	Path Errors (Path end)	15 min	trap	if attribute <5 or >10
8312	SONET Path	Path Errors (lar end)	5 min	Log & trap	if attribute <5 or >10
⋮	⋮	⋮	⋮	⋮	⋮
8433	ATM If	failed call attempts	10 min	trap	if attribute >8 between 8:00am-7:00pm or >2 between 7:00pm-8:00am
8433	ATM If	hcs errors	12 min	trap	if attribute >13
⋮	⋮	⋮	⋮	⋮	⋮
8542	Virtual Conn.	Rx Traffic	1 hour	trap	if attribute <4
8542	Virtual Conn.	Tx Traffic	1 hour	trap	if attribute =0
⋮	⋮	⋮	⋮	⋮	⋮

Fig. 69b

1052

Threshold Group Table

1052a

Resource ID	Threshold Group LID
901	8312
902	8313
903	8312
⋮	⋮
5054	8433
⋮	⋮
7312	8542

1052b

## Dynamic Threshold Table

[illegible]

Fig. 70b

Threshold Rule Table

1050

1050a

1050b

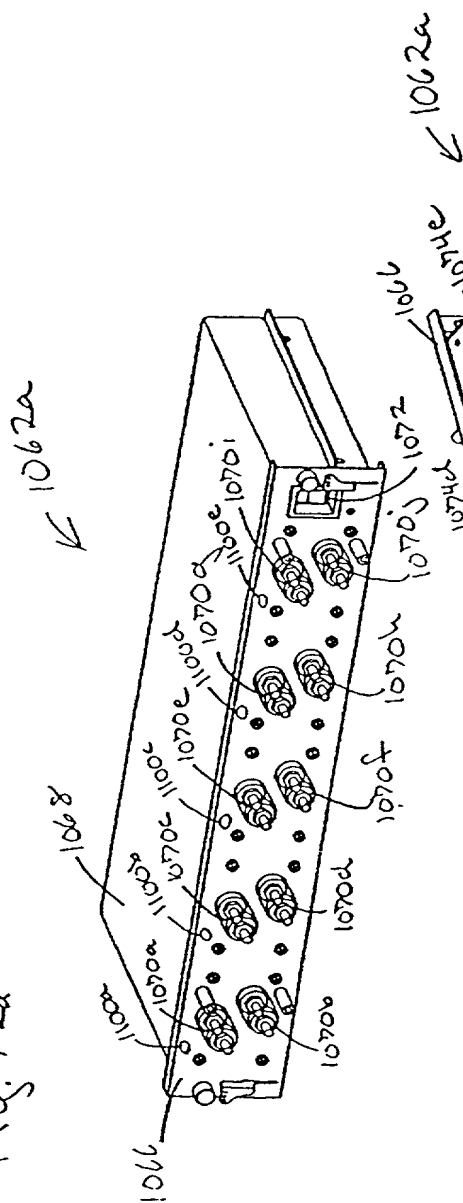
1050c

Rule LID	Expression
9421	if attribute >a
9422	if attribute <a or >b
9423	if attribute > a between b-c or >d between e-f
9424	if attribute <a
9425	if attribute =ø
9426	RMON
9427	FOE
9428	if attribute <a go to rule LID b
⋮	⋮

## Dynamic Threshold Table

[illegible]

728



Fi. g. 72b

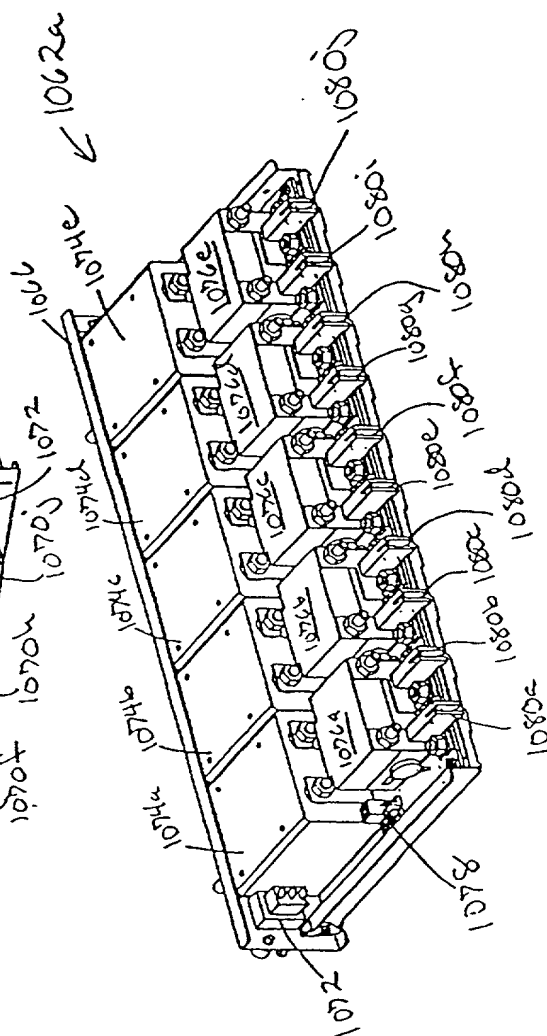


Fig. 73a

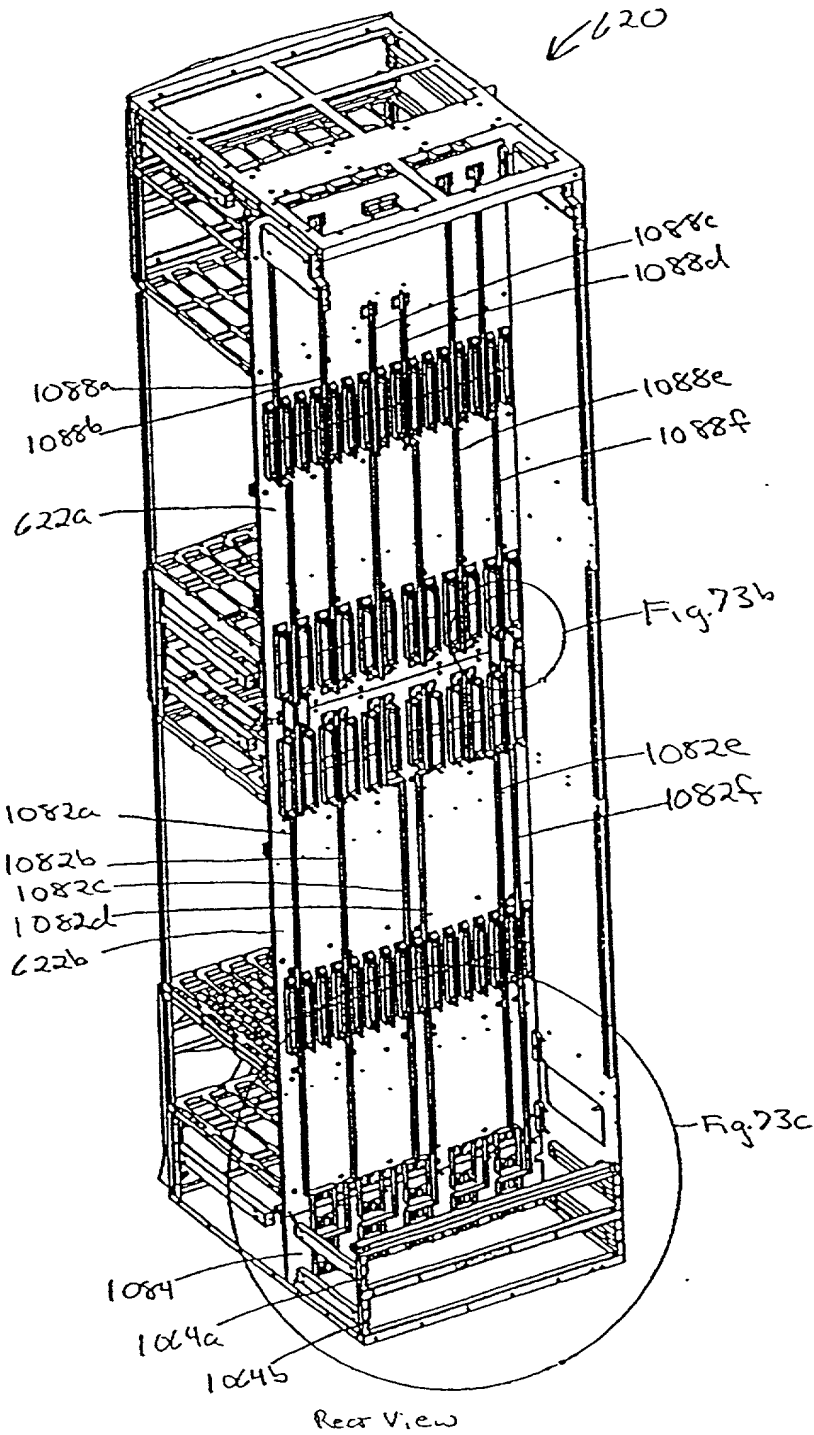


Fig. 73b

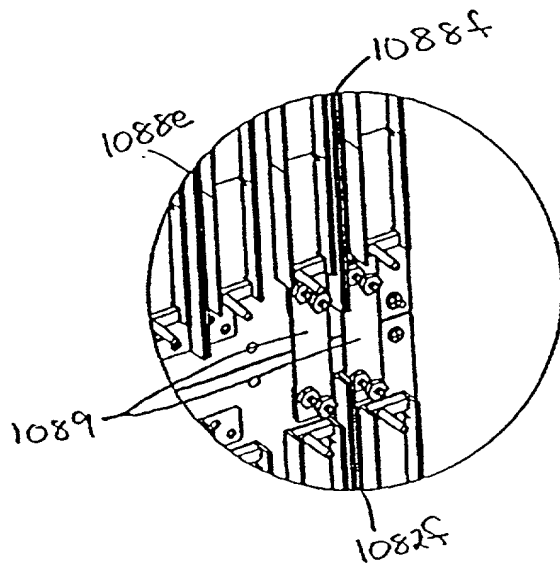


Fig. 73c

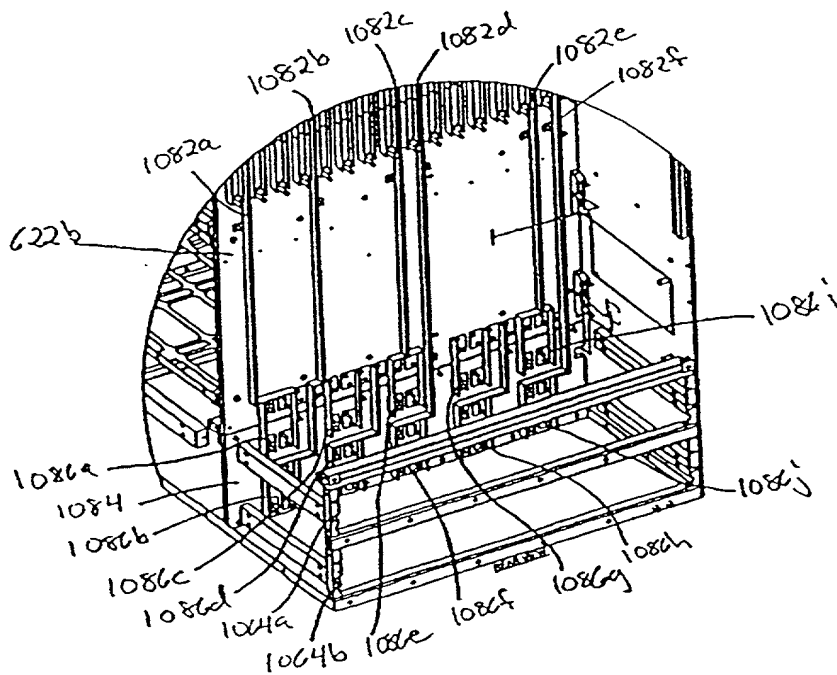
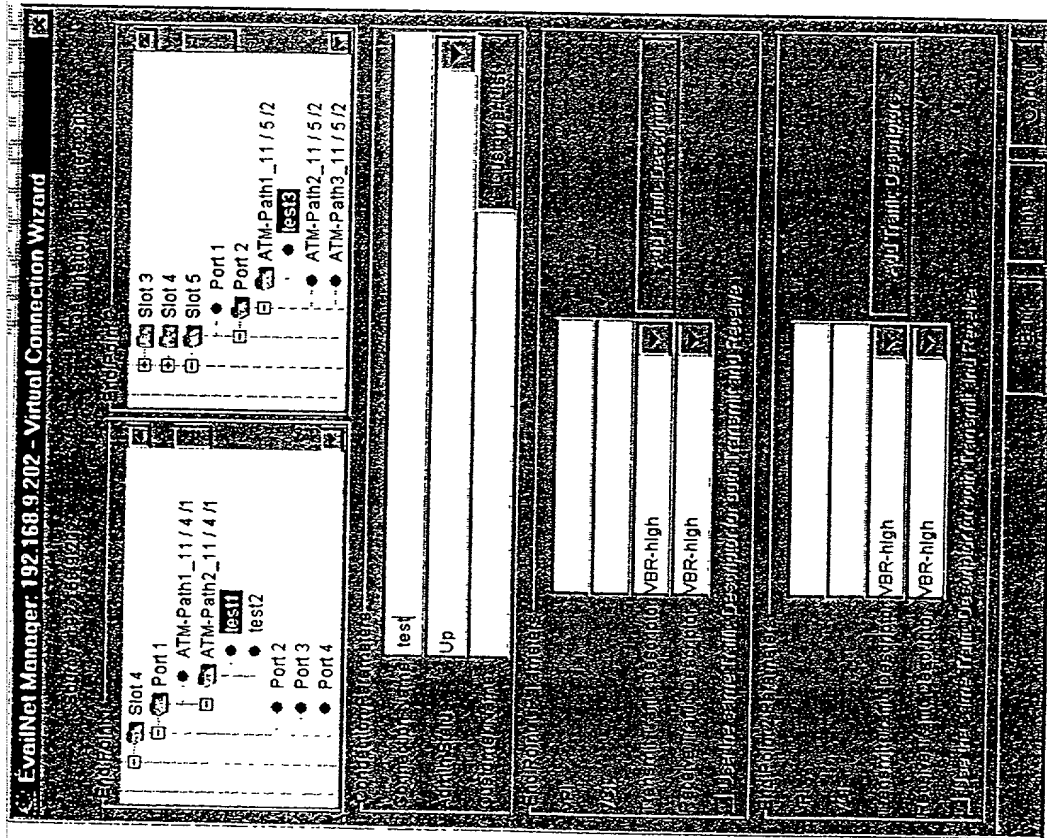






Fig. 75



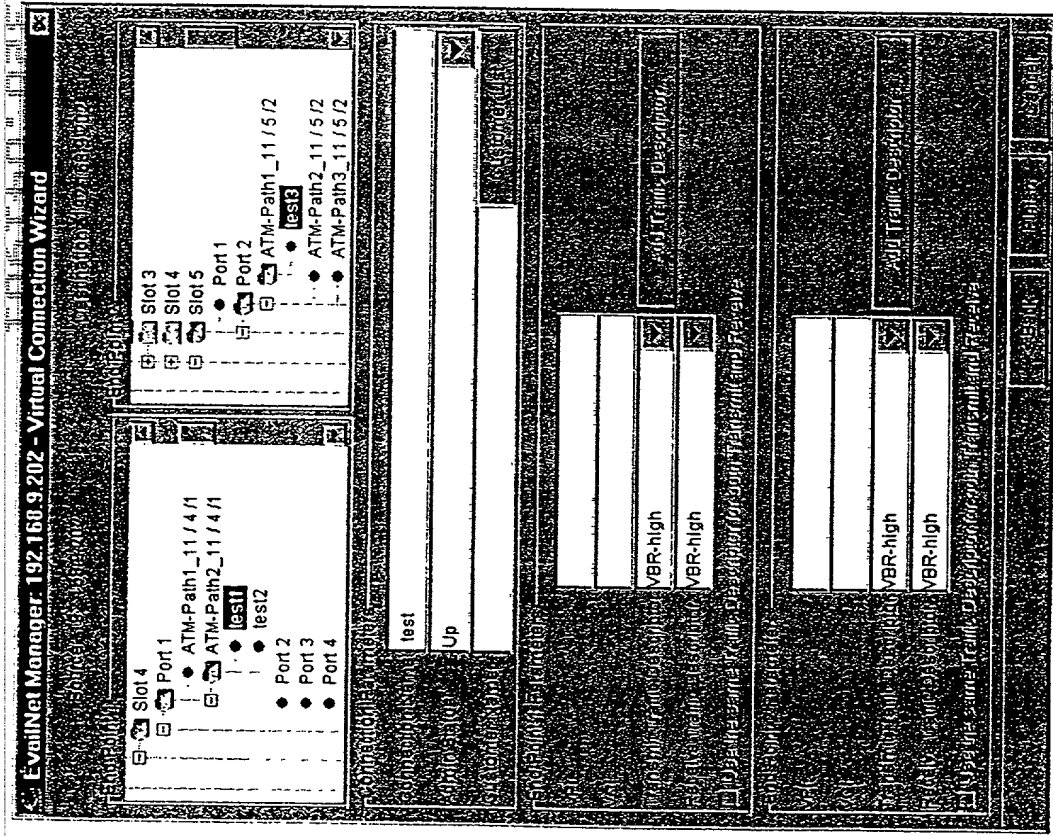


Fig. 76

Fig. 77

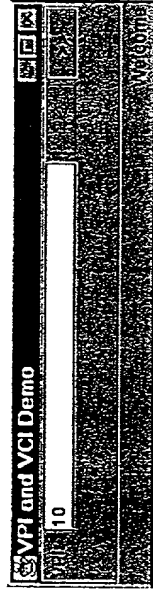


Fig. 78

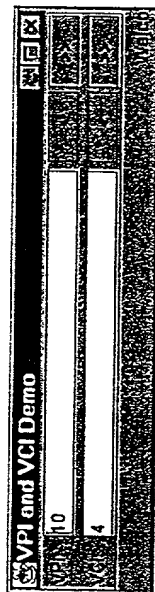
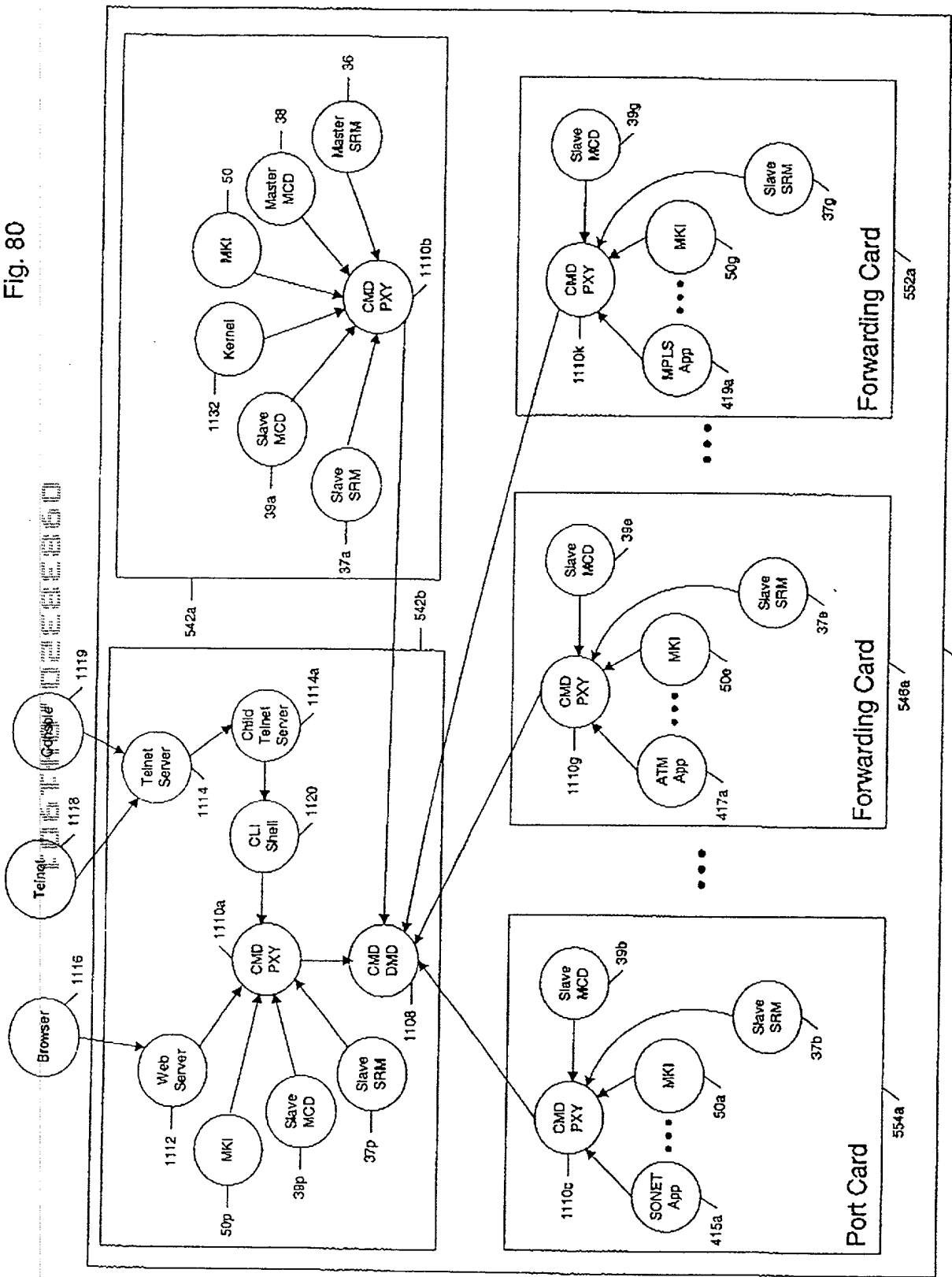




Fig. 80



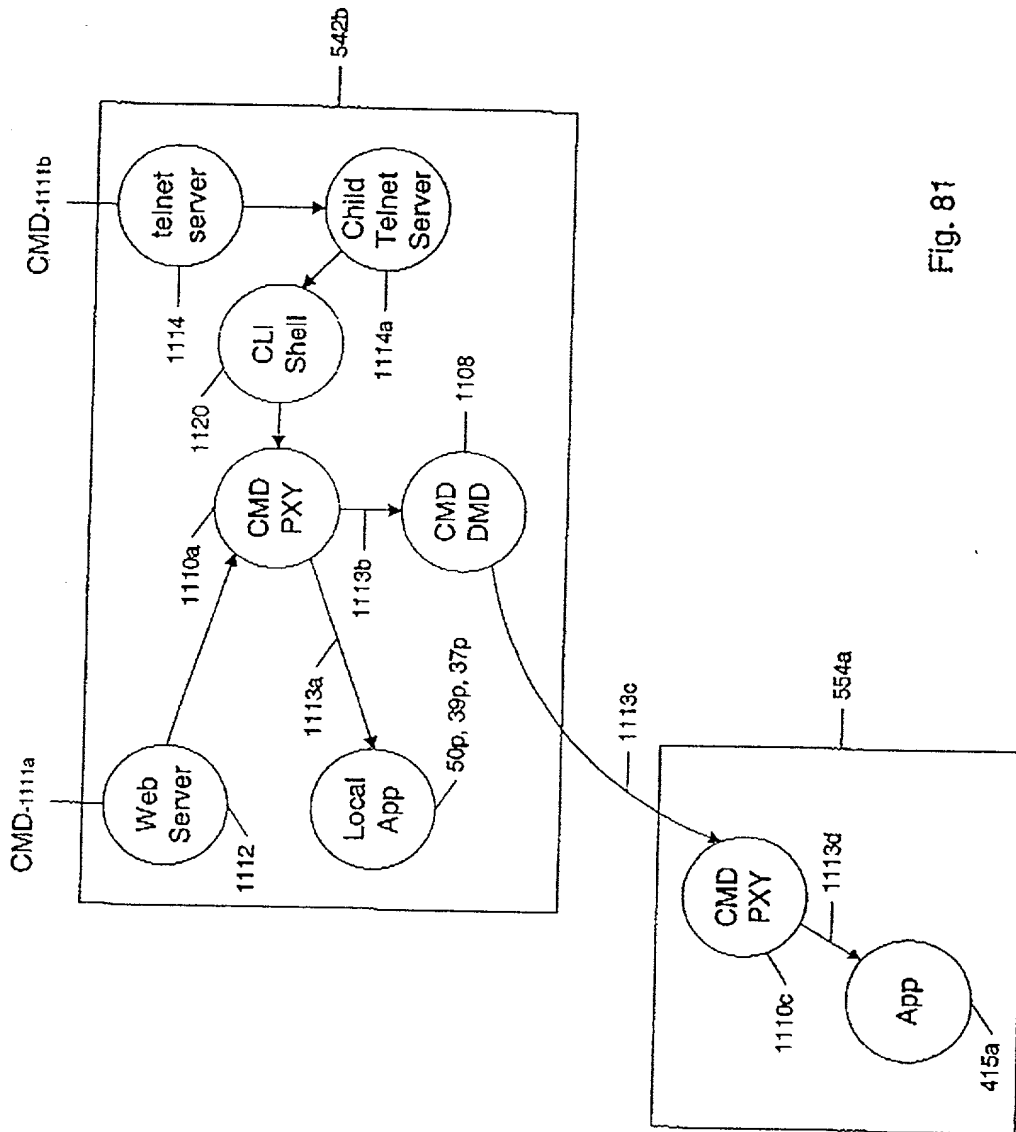
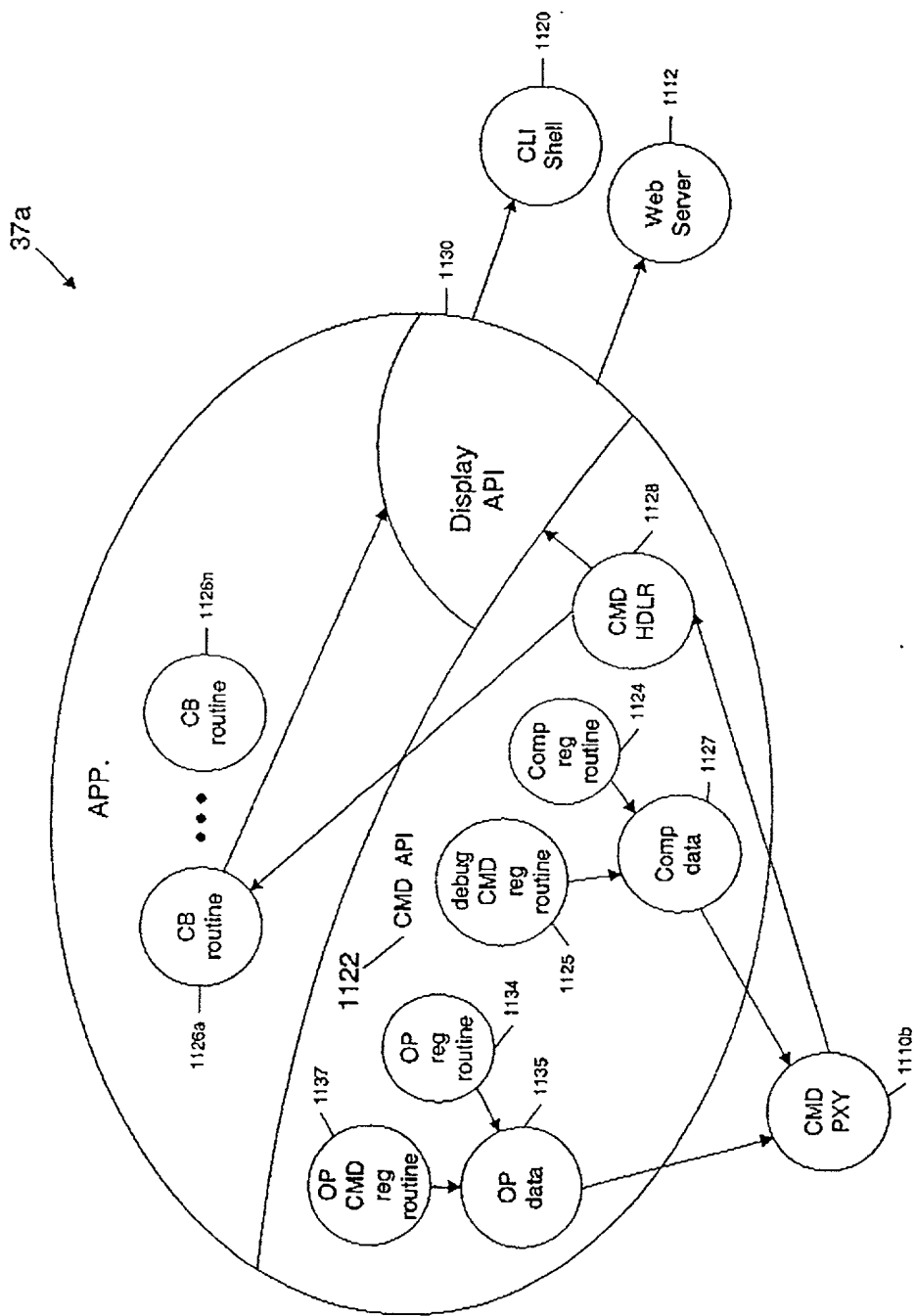


Fig. 81





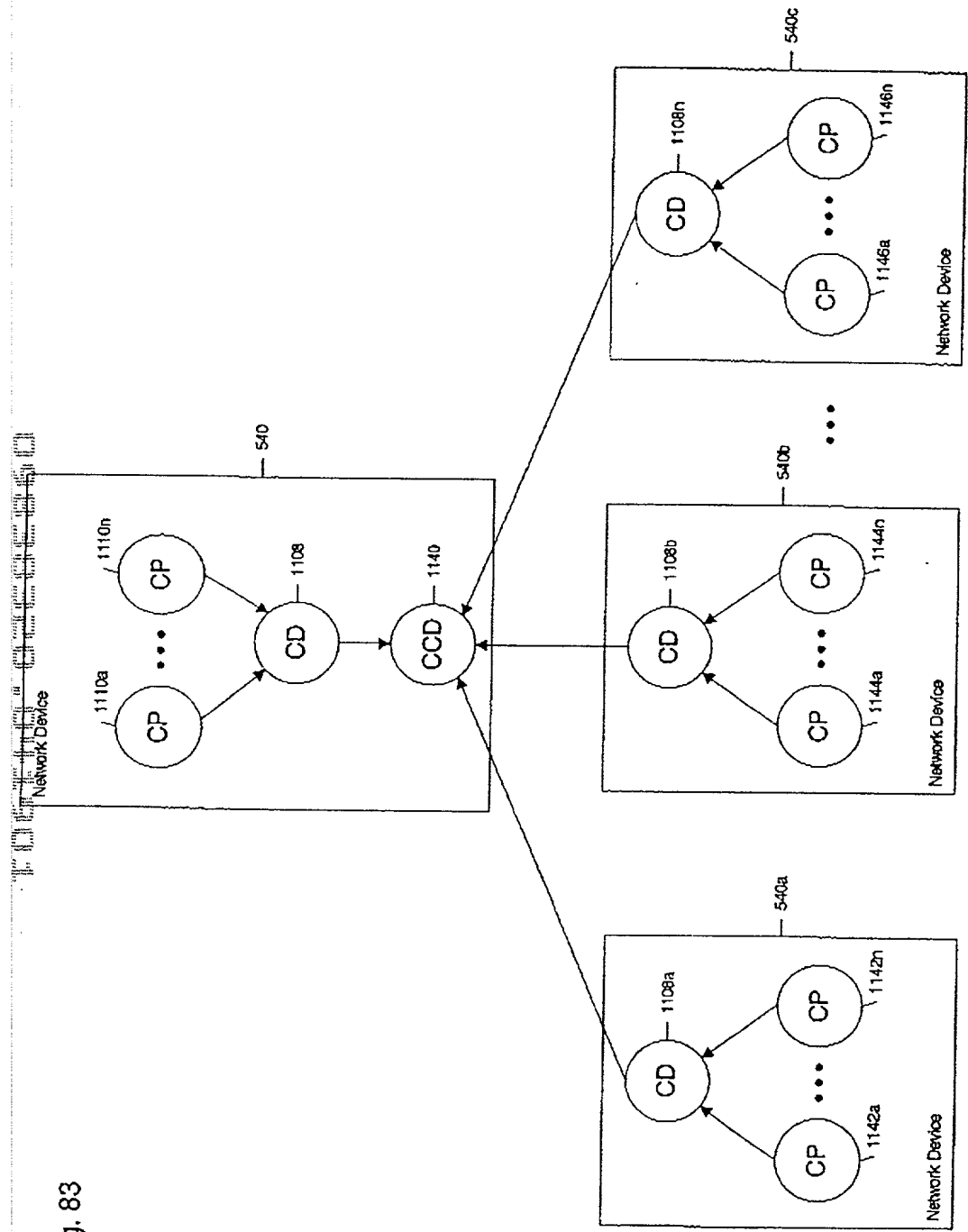
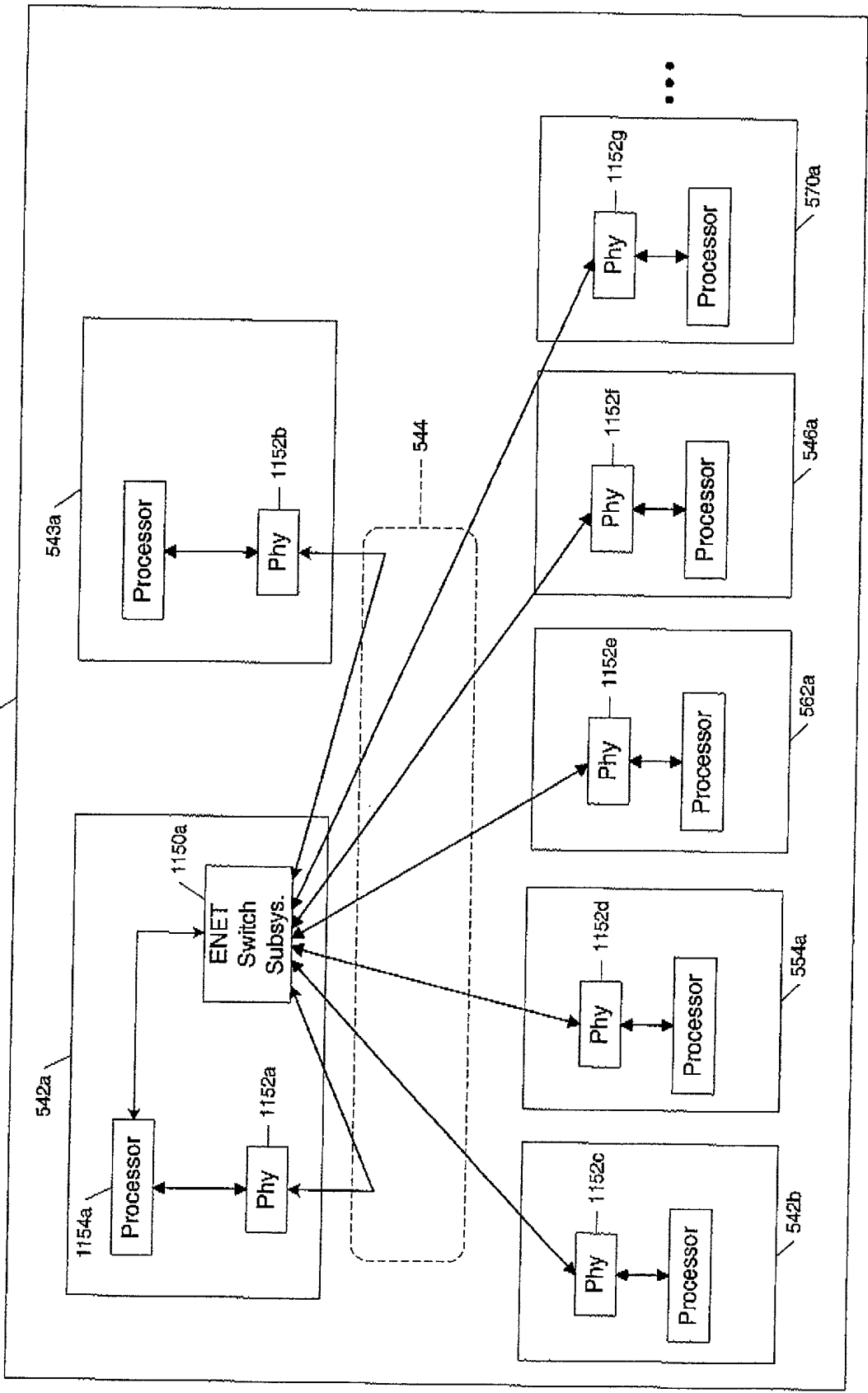


Fig. 83

FIG. 84



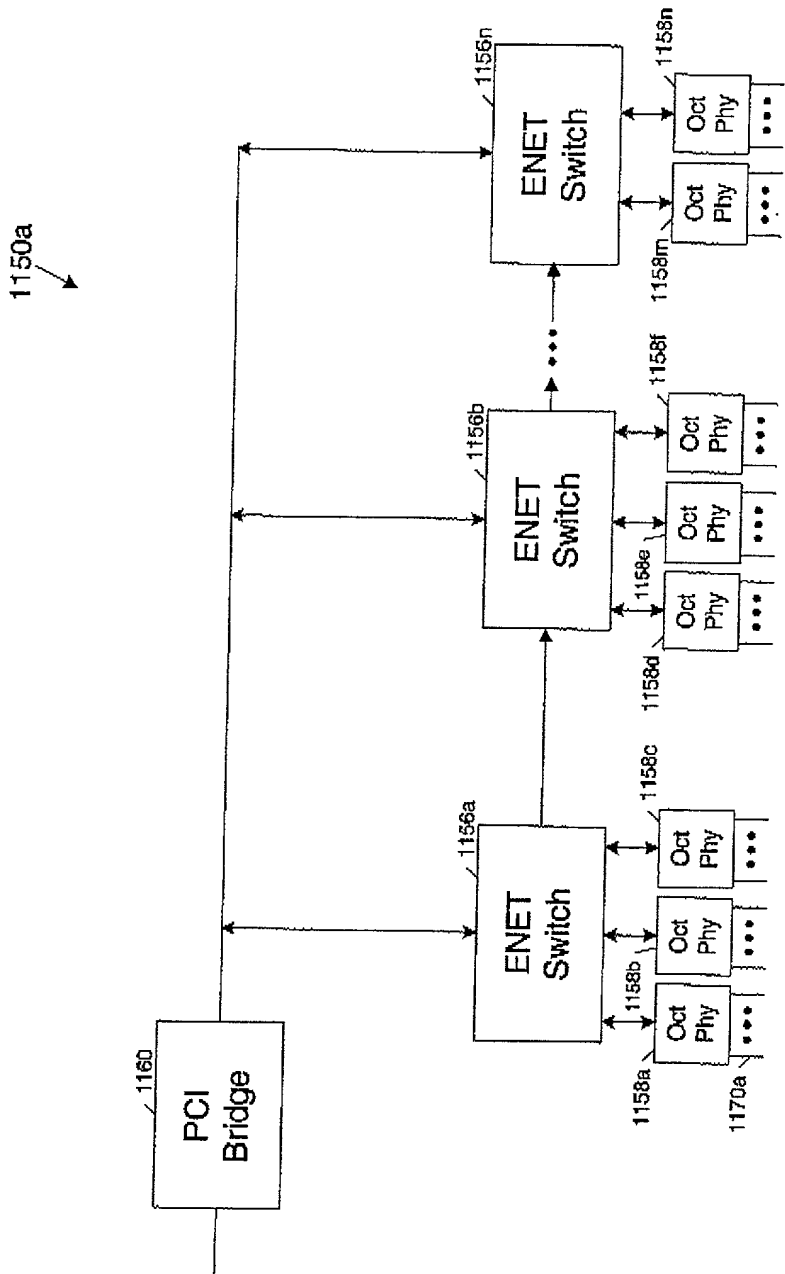


Fig. 85

FIG. 85

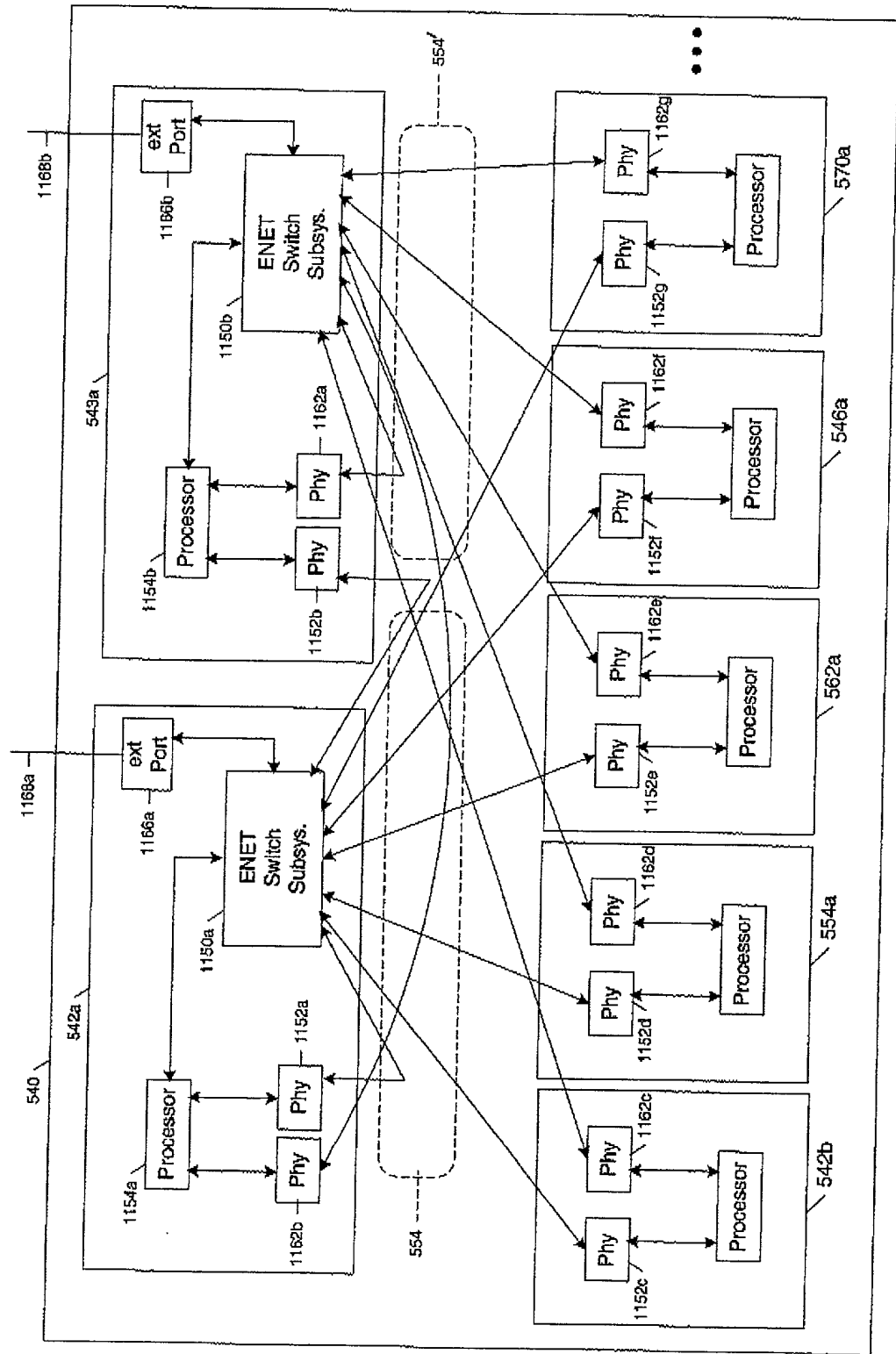


Fig. 86

FIG. 86

Fig. 87

